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FERTILIZER ANALYSES.

R. W. SILVESTER, - - - - - - - - - President.

Edited by H. B. McDONNELL, State Chemist and Professor of Chemistry.

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ADDRESS

Chemical Department, Maryland Agricultural College,

COLLEGE PARK, MD.

ANALYSIS OF

Commercial Fertilizers Sold in Maryland

BY THE CHEMICAL DEPARTMENT OF

THE MARYLAND AGRICULTURAL COLLEGE.

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The tables on the following pages are made up of the results of the analysis of fertilizers made at the College from *January to June,* 1907, inclusive.

The majority of the samples analyzed are obtained by our sampling agents, the samples being taken while the goods are in transit, on vessels, wharves, cars, or stations, from farmers' wagons, barns, etc. It is impossible for us to analyze all the samples we collect; duplicates are generally omitted.

When a sample has been sent in by a farmer his name appears after the place of sampling. No sample is analyzed unless fully described on blanks furnished by this department. The description is not sent in, however, till after the analysis is reported.

No samples are accepted from manufacturers or their agents under any circumstances.

The figures in the columns headed "Ammonia," "Potash" and "Phosphoric Acid" are percentages, or pounds per hundred. To get pounds per ton multiply the figures by 20. The columns headed "Found" contain the results found by analysis; those headed "Guaranteed" contain the essential part of the guarantee as stamped on the bags.

The columns headed "No." contain the respective numbers by which the samples are known in the laboratory. In writing to the Chemical Department in regard to any analysis the number should always be given. The samples are numbered consecutively on the books of the office, but are arranged alphabetically for publication, which accounts for the mixing of the numbers.

To get "Total" phosphoric acid add the "Insoluble" to the "Available" phosphoric acid.

*Resigned June 15th, to accept position of Food and Drug Inspector for United States Department of Agriculture.

**Resigned July 1st, to accept position of Assistant Chemist at the Maryland Experiment Station.

FERTILIZERS TO COST MORE.

Owing to the marked advance in the cost of phosphates and nitrogenous materials ("ammoniates"), such as tankage, dried blood, etc., it has been found necessary to increase some of the items in our schedule for calculating comparative valuations, so that, with the same analysis, fertilizers in this bulletin will have a higher "comparative value" than in previous bulletins.

The "Comparative Value Found" is calculated from the results of analysis as found in our laboratory; the "Comparative Value Guaranteed" is calculated from the manufacturers guaranteed analysis as printed on the bags; in each case using the new schedule as given below. The old schedule is given for comparison.

Schedule for Calculating Comparative Values.

	Old Schedule, per lb.	New Schedule, per lb.
In Mixed Fertilizer:		
For Nitrogen, calculated as Ammonia	17½ cts.	20 cts.
For Nitrogen, calculated as Ammonia	6 cts.	6 cts.
For Potash (K_2O), in forms free from muriate	5 cts.	5 cts.
For Potash (K_2O), as muriate, or Kainit	5 cts.	6 cts.
For Available Phosphoric Acid	2 cts.	2 cts.
For Insoluble Phosphoric Acid	1 ct.	1 ct.
For Insoluble Phosphoric Acid when from S. C. Rock		
In Dissolved S. C. Rock:		
Available Phosphoric Acid	4 cts.	4½ cts.
Insoluble Phosphoric Acid	.....	1 ct.
In Ground Bone:		
For Nitrogen, calculated as Ammonia, in "Fine" Bone	16 cts.	.....
For Nitrogen, calculated as Ammonia, in "Fine Medium" Bone	14 cts.	15 cts.
For Nitrogen, calculated as Ammonia, in "Medium" Bone	12 cts.	14 cts.
For Nitrogen, calculated as Ammonia, in "Coarse" Bone	10 cts.	13 cts.
For Phosphoric Acid in "Fine" Bone	5 cts.	5 cts.
For Phosphoric Acid in "Fine Medium" Bone	4 cts.	4½ cts.
For Phosphoric Acid in "Medium" Bone	3 cts.	4 cts.
For Phosphoric Acid in "Coarse" Bone	2 cts.	3½ cts.
In Tankage and Ground Fish:		
For Nitrogen, calculated as Ammonia	15 cts.	15 cts.
For Phosphoric Acid	3 cts.	3 cts.

In using the above schedule *all fertilizers containing less than one per cent of ammonia will be given the rock valuation of four and one half cents per pound on the available phosphoric acid, and one cent per pound for the insoluble phosphoric acid.*

The "Comparative Values" given in the table are not claimed to be the proper prices to be paid for the various fertilizers at the place of sale or use. They will be found to be not far from the prices for which fertilizers may be obtained at Baltimore, for cash. In making comparisons at other points freight from Baltimore should be added.

It should be noted, also, that plant food costs more in low grade or "cheap fertilizers than it does in high grade goods. Thus a 1-5-1 fertilizer (1 per cent of ammonia, 5 per cent of available phosphoric acid and 1 per cent of potash) will cost more than half as much as a 2-10-2 fertilizer, though it only contains half as much plant food. The demand for "cheap" fertilizers causes low-grade materials to be at a premium, even when less efficient and less available than the same amount of actual plant food in the higher grade goods.

Farmers are advised to demand 16 per cent dissolved rock or acid phosphate. Practically all 14 per cent goods are adulterated. Do not expect to get the 16 per cent goods at the same price paid for the 14 per cent, however. The higher grade will cost about $1 per ton more. The cheapest filler is the soil in the field and the cheapest mixing machine is the harrow.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler, when not the College.)
16531	American Agr'l Chemical Co., New York, N. Y.	Big Crop Phosphate	Baltimore
16660	" " "	Big Crop Phosphate	Vienna (A. M. Langford).
16446	" " "	Buyers' Choice 14% Acid Phosphate	Stockton
16453	" " "	Complete Manure with 10% Potash	Baltimore
16482	" " "	Dead Shot Phosphate	Baltimore
16454	" " "	Dissolved Animal Bone	Baltimore
16532	" " "	Fine Ground Bone	Baltimore
16561	" " "	Gem Alkaline Phosphate	Baltimore
16562	" " "	Ideal Corn Grower	Baltimore
16533	" " "	Pure Ground Bone	Baltimore
16605	" " "	Resurgam Guano	Hampstead
16534	" " "	Special Tomato Fertilizer	Baltimore
16500	" " "	Square Deal Phosphate	Laurel
16535	A. A. C. Co. (Canton), Baltimore, Md.	Baker's Dissolved S. C. Bone.	Baltimore
16455	" " "	Baker's Fish Guano	Baltimore
16575	" " "	Baker's Spec. Wheat, Corn and Grass Miture.	Baltimore
16456	" " "	Baker's Standard H. G. Guano.	Baltimore
16400	" " "	C.C.C. Special Compound	Baltimore
16525	" " "	Eagle Phosphate	Baltimore
16483	" " "	Harrow Brand Crop Grower.	Baltimore
16550	" " "	Patrons' Bone Mixture	Bel Air
16401	" " "	Potato Manure	Baltimore
16690	" " "	Soluble Alkaline Bone	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.				Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble.		Available.			
	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.		
16531	.....	.....	4.88	5.00	0.77	.....	8.51	8.00	$12.69	$12.20
16660	.....	.....	5.28	5.00	0.65	.....	8.28	8.00	12.86	12.20
16446	.....	.....	.....	.....	2.39	1.00	14.01	14.00	13.09	12.80
16453	3.69	4.00	11.32	10.00	0.64	.....	5.80	6.00	33.30	33.20
16482	0.70	0.50	2.20	2.00	1.08	.....	8.02	8.00	12.44	11.20
16454	2.54	2.00	.....	.....	3.79	.....	11.19	12.00	25.11	22.40
16532	3.41	3.00	.....	.....	24.94*	22.80*	.....	.....	34.23	.....
16561	.....	.....	3.22	3.00	0.38	.....	6.59	6.00	9.23	8.40
16562	1.03	1.00	4.14	4.00	0.81	.....	8.75	8.00	19.08	17.60
16533	4.30	4.00	.....	.....	20.45*	20.60*	.....	.....	31.67	.....
16605	1.16	1.00	4.06	4.00	1.71	.....	7.34	8.00	18.19	17.60
16534	1.20	1.00	4.16	4.00	1.26	.....	8.27	8.00	19.38	17.60
16500	2.15	2.00	4.18	4.00	1.51	.....	8.05	8.00	23.04	21.60
16535	.....	.....	.....	.....	1.28	.....	14.24	14.00	13.08	12.60
16455	2.05	2.00	2.12	2.00	1.42	.....	7.70	8.00	20.13	19.60
16575	1.20	1.00	2.01	2.00	1.39	.....	9.01	9.00	18.18	16.80
16456	2.56	2.50	3.24	3.00	1.96	.....	7.92	8.00	23.76	22.60
16400	2.76	2.50	6.02	6.00	0.92	.....	8.39	8.00	27.50	25.60
16525	1.30	1.00	1.60	1.00	0.96	.....	7.30	7.00	15.94	13.40
16483	1.23	1.00	1.18	1.00	1.24	.....	8.05	8.00	16.26	14.60
16550	2.15	2.00	2.96	2.00	6.58	.....	5.47	5.00	20.75	16.00
16401	1.67	1.50	5.12	5.00	1.28	.....	6.01	6.00	19.52	18.20
16690	.....	.....	3.18	3.00	0.92	.....	12.46	12.00	14.57	13.80

* Total Phosphoric Acid.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler, when not the College.)
16457	A. A. C. Co., (Canton), Baltimore, Md.	Soluble Bone and Potash	Baltimore
16447	" " "	Truckers' Delight	Snow Hill
16563	A. A. C. Co., (Detrick), Baltimore, Md.	Ammoniated Bone Phosphate.	Baltimore
16458	" " "	Bone and Potash, 16 x 4 Mixture.	Baltimore
16576	" " "	Corn and Oats Fertilizer	Canton
16484	" " "	Dissolved S. C. Bone	Canton
16427	" " "	Gold Basis	Baltimore
16459	" " "	Gold Eagle	Baltimore
16460	" " "	Imperial Compound	Baltimore
16461	" " "	K. K. K. Kangaroo Komplete Kompound.	Baltimore
16536	" " "	P. & B. Special Fertilizer.	Baltimore
16593	" " "	Paragon Ammoniated Bone Phosphate and Potash	Mt. Airy
16462	" " "	Quickstep Bone Phos. for Potatoes and Tobacco.	Baltimore
16577	" " "	Royal Crop Grower	Baltimore
16485	" " "	Soluble Bone Phosphate and Potash.	Baltimore
16578	" " "	Special Mixture	Canton
16463	" " "	Standard Potash Fertilizer	Baltimore
16698	" " "	Vegetator Ammoniated Super-Phosphate.	Baltimore
16448	" " "	Victory Alkaline Bone	Snow Hill
16564	A. A. C. Co., (Lazaretto), Baltimore, Md.	Ammoniated Bone Phosphate.	Canton
16551	" " "	Bone Compound	Bel Air
16526	" " "	Crop Grower	Baltimore
16486	" " "	Dissolved Bone and Potash	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.				Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble.		Available.			
	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.		
16457	.....	.....	2.32	2.00	0.83	.....	9.90	10.00	$11.40	$11.00
16447	5.02	5.00	5.42	5.00	1.26	.....	7.49	7.00	34.99	33.40
16563	1.71	1.50	2.10	2.00	2.23	.....	8.31	9.00	19.80	18.80
16458	.....	.....	2.01	2.00	0.53	.....	11.41	11.00	12.38	11.90
16576	1.16	1.00	3.02	3.00	1.29	.....	8.72	9.00	18.64	17.80
16484	.....	.....	.....	.....	0.84	.....	14.24	14.00	12.99	12.60
16427	7.02	7.00	5.68	5.00	0.84	.....	6.73	6.00	42.18	40.20
16459	3.02	3.00	6.72	6.00	2.01	.....	6.09	6.00	26.91	25.20
16460	1.18	1.00	2.10	2.00	0.86	.....	8.72	8.00	17.62	15.60
16461	2.03	2.00	3.12	3.00	1.40	.....	8.18	8.00	21.62	20.60
16536	.....	.....	3.18	3.00	0.75	.....	12.22	12.00	14.33	13.80
16593	1.52	1.00	1.60	1.00	1.64	.....	8.78	7.00	18.88	13 40
16462	3.15	3.00	4.54	4.00	1.15	.....	8.37	8.00	27.65	25.60
16577	2.04	2.00	2.16	2.00	1.05	.....	8.28	8.00	20.68	19.60
16485	.....	.....	2.14	2.00	0.53	.....	10.26	10.00	11.48	11.00
16578	1.27	1.00	1.36	1.00	1.37	.....	8.02	8.00	16.61	14.60
16463	1.59	1.50	5.14	5.00	0.97	....	6.63	6.00	19.85	18.20
16698	2.65	2.50	3.48	3.00	1.98	.....	7.93	8.00	24.39	22.60
16418	.....	.....	5.02	5.00	0.94	.....	11.83	12.00	15.86	15 80
16564	1.30	1 00	2.16	2.00	1.56	.....	8.75	8.00	18.48	15.60
16551	1.42	1.25	3.02	3 00	1.43	.....	8.74	9.00	19.76	18.80
16526	2.01	2.00	2.04	2.00	1.12	.....	8.08	8.00	20.23	19.60
16486	.....	.....	2.30	2.00	0.67	.....	10.04	10.00	11.47	11.00

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler, when not the College.)
16646	A. A. C. Co. (Lazaretto), Baltimore, Md.	Dissolved Bone and Potash	Providence
16402	" " "	Dissolved Bone Phosphate	Baltimore
16413	" " "	Early Trucker	Baltimore
16552	" " "	Excelsior A. A. A.	Bel Air
16521	" " "	Farmers' Choice	Rockville
16601	" " "	Forsythe and Linthicum Mixture.	Ellicott City
16625	" " "	H. G. Dissolved Bone and Potash.	Baltimore
16527	" " "	H. G. Dissolved Bone and Potash.	Baltimore
16602	" " "	H. G. Dissolved Bone and Potash.	Ellicott City
16565	" " "	H. G. Dissolved Bone and Potash.	Baltimore
16579	" " "	H, G. Dissolved Bone and Potash.	Canton
16537	" " "	Retriever Animal Bone Fertilizer.	Baltimore.
16528	" " "	Special Potato and Tomato Fertilizer	Baltimore.
16464	" " "	Tomato Compound	Baltimore.
16522	" " "	Wheat, Corn and Grass Grower.	Rockville
16594	A. A. C. Co. (Maryland), Baltimore, Md.	Bone Super Phosphate	Smithsburg
16553	" " "	Magic Guano	Rocks
16595	" " "	Sangston Cereal and Plant Food.	Smithsburg
16465	" " "	Special Compound for Potatoes and Tobacco.	Baltimore
16466	" " "	Special Mixture	Baltimore
16596	" " "	Tornado Fertilizer	Smithsburg
16487	A. A. C. Co. (Nickerson), Easton, Md.	Acid Phosphate	Baltimore
16488	" " "	Alkaline Bone and Potash.	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.				Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble.		Available.			
	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.		
16646	.....	.....	2.02	2.00	0.70	.....	11.44	11.00	$12.46	$11.90
16402	.....	.....	.....	.....	0.59	.....	14.83	14.00	13.47	12.60
16413	5.12	5.00	5.01	5.00	1.58	.....	7.47	7.00	35.08	33.40
16552	1.17	1.00	1.38	1.00	1.04	.....	7.01	7.00	14.89	13.40
16521	1.18	1.00	2.38	2.00	0.92	.....	9.31	9.00	18.64	16.80
16601	2.68	2.25	4.26	4.00	4.29	4.50	9.08	9.00	27.60	25.60
16625	.....	.....	4.54	6.00	0.57	.....	8.65	7.00	12.43	12.30
16527	.....	.....	5.01	5.00	0.73	.....	10.17	10.00	14.32	14.00
16602	.....	.....	4.86	5.00	0.53	.....	11.46	11.00	15.28	14.90
16565	.....	.....	5.48	5.00	1.08	.....	12.24	12.00	16.72	15.80
16579	.....	.....	3.02	3.00	0.78	.....	12.51	12.00	14.44	13.80
16537	2.35	2.25	4.02	4.00	3.59	4.50	9.70	9.00	26.50	25.60
16528	1.23	1.00	4.10	4.00	1.28	.....	8.01	8.00	19.14	17.60
16464	1.71	1.50	5.02	5.00	1.05	.....	6.39	6.00	19.95	18.20
16522	0.68	0.50	1.88	2.00	0.77	.....	8.30	8.00	12.22	11.20
16594	.....	.....	2.38	2.00	0.69	.....	9.51	10.00	11.08	11.00
16553	1.24	1.00	2.02	2.00	1.16	.....	9.34	9.00	18.65	16.80
16595	1.67	1.50	2.10	2.00	2.17	.....	8.29	9.00	19.60	18.80
16465	2.53	2.00	7.86	10.00	0.70	.....	8.69	8.00	28.69	27.60
16466	2.63	2.50	2.94	2.50	1.24	.....	9.93	10.50	25.88	25.10
16596	.....	.....	5.36	5.00	1.04	.....	11.87	12.00	16.25	15.80
16487	.....	.....	.....	.....	1.05	.....	14.32	14.00	13.10	12.60
16488	.....	.....	2.36	2.00	0.67	.....	9.72	10.00	11.24	11.00

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler, when not the College.)
16635	A. A. C. Co. (Nickerson) Easton, Md.	Dissolved Bone and Potash	Baltimore
16414	" " "	Early Queen	Baltimore
16489	" " "	Eastern Shore Domestic Guano	Baltimore
16657	" " "	Eastern Shore Domestic Guano	Vienna (A. M. Langford)
16415	" " "	English Mixture	Baltimore
16597	" " "	Nickerson's Mixture	Mt. Airy
16538	" " "	Tomato Fertilizer	Baltimore
16695	" " "	Truck Guano	Baltimore
16626	A. A. C. Co., (Slingluff), Baltimore, Md.	Southern Bright Tobacco Grower	Baltimore
16438	" " "	Tobacco Plant Bed Fertilizer	Baltimore
16490	" " "	Top Dresser	Canton
16669	" " "	Top Dresser	Annapolis
16627	" " "	Truckers' Favorite	Baltimore
16628	A. A. C. Co., (Susquehanna), Baltimore, Md.	Alkaline Bone Phosphate	Baltimore
16491	" " "	Ammoniated Bone Phosphate	Baltimore
16554	" " "	Crop Grower	Bel Air
16539	" " "	H. G. Bone and Potash	Baltimore
16467	" " "	Potato Phosphate	Baltimore
16555	" " "	Potato and Tobacco Phosphate.	Bel Air
16556	" " "	Pure Bone Phosphate	Bel Air
16580	" " "	Soluble Bone and Potash.	Baltimore
16540	" " "	Superior Rock Phosphate.	Baltimore
16581	" " "	X. X. V. Phosphate	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.				Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble.		Available.			
	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.		
16635	.....	.....	4.66	5.00	1.10	.....	11.62	12.00	$15.34	$15.80
16414	4.47	5.00	5.02	5.00	1.75	.....	7.73	7.00	32.88	33.40
16489	2.05	2.00	3.01	3.00	1.53	.....	8.04	8.00	21.47	20.60
16657	2.78	2.00	3.30	3.00	2.79	.....	6.85	8.00	23.76	20.60
16415	1.25	1.00	2.01	2.00	1.30	.....	8.14	8.00	17.30	15.60
16597	0.77	0.50	1.70	2.00	1.35	.....	9.60	8.00	13.69	11.20
16538	1.16	1.00	3.92	4.00	1.39	.....	8.01	8.00	18.73	17.60
16695	2.07	2.00	2.10	2.00	1.83	....	8.48	8.00	21.29	19.60
16626	3.21a	4.00	4.86	5.00	1.20	.....	8.57	8.00	28.46	30.60
16438	10.12a	10.00	2.70	2.50	0.84	.....	4.47	4.00	48.88	47.30
16490	4.62a	5.00	2.82	2.50	0.54	.....	5.33	5.00	27.92	28.50
16669	5.70a	5.00	2.88	2.50	0.89	.....	5.15	5.00	32.22	28.50
16627	3.52	3.75	3.74	3.00	1.35	.....	9.07	9.00	29.24	28.80
16628	.....	.....	1.20	2.00	0.70	.....	11.84	10.00	11.99	11.00
16491	2.10	2.00	2.26	2.00	1.31	.....	8.05	8.00	20.84	19.60
16554	1.33	1.00	1.68	1.00	0.80	.....	7.25	7.00	16.02	13.40
16539	.....	.....	5.32	5.00	0.97	.....	11.70	12.00	16.24	15.80
16467	2.02	2.00	5.50	5.00	0.84	.....	8.20	8.00	23.76	22.60
16555	2.10	2.00	5.32	5.00	0.97	.....	8.15	8.00	23.89	22.60
16556	2.04	2.00	2.50	2.00	3.11	.....	9.12	8.00	22.84	19.60
16580	.....	.....	2.20	2.00	0.48	.....	10.90	10.00	12.11	11.00
16540	.....	.....	.....	.....	0.78	.....	14.20	14.00	12.94	12.60
16581	1.21	1.00	1.16	1.00	1.34	.....	8.01	8.00	16.15	14.60

a Contains Nitrate.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler, when not the College.)
16636	A. A. C. Co. (Tygert Allen), Philadelphia, Pa.	Allen's 7% Guano	Baltimore
16468	" " "	Allen's Soluble Marine Guano.	Baltimore.
16416	" " "	Standard Bone Phosphate	Baltimore.
16582	" " "	Star Dissolved S. C. Rock.	Canton
16637	" " "	Star Soluble Bone and Potash.	Baltimore.
16606	A. A. C. Co., (Wheeler), Rutland, Vt.	Bone and Potash	Maple Grove
16541	" " "	Corn Fertilizer	Baltimore
16566	" " "	Electrical Dissolved Bone	Baltimore
16542	" " "	General Crop Grower	Baltimore.
16638	" " "	H. G. Tomato Fertilizer	Baltimore
16615	" " "	Potato Manure	Berlin
16616	" " "	Royal Wheat Grower	Berlin
16417	" " "	Superior Truck	Baltimore.
16469	" " "	Wheat and Clover Fertilizer.	Baltimore
16543	A. A. C. Co., (A. F. Young & Co.)	Melon Fertilizer	Baltimore
16501	A. A. C. Co., (Zell), Baltimore, Md.	Ammoniated Bone Superphosphate.	Laurel
16502	" " "	Dissolved Bone Phosphate.	Annapolis
16503	" " "	Economizer Phosphate	Annapolis
16492	" " "	Electric Phosphate	Baltimore.
16504	" " "	Little Giant	Laurel
16470	" " "	Special Compound for Potatoes & Vegetables	Baltimore
16696	" " "	Tobacco Fertilizer	Baltimore
16418	The Armour Fertilizer Works, Baltimore, Md.	All Soluble	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.				Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble.		Available.			
	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.		
16636	7.08	7.00	5.32	5.00	1.18	.....	6.73	6.00	$42.19	$40.20
16468	4.28	4.00	7.32	7.00	1.08	.....	8.02	8.00	34.49	32.60
16416	2.25	2.00	2.20	2.00	1.71	.....	8.08	8.00	21.58	19.60
16582	.....	.....	.....	.....	0.94	.....	14.26	14.00	13.02	12.60
16637	.....	.....	2.12	2.00	0.49	.....	10.15	10.00	11.35	11.00
16606	.....	.....	3.18	3.00	0.83	.....	11.71	12.00	13.89	13.80
16541	2.02	2.00	2.08	2.00	1.35	.....	8.01	8.00	20.31	19.60
16566	.....	.....	.....	.....	1.26	.....	13.76	14.00	12.63	12 60
16542	2.01	2.00	2.20	2.00	1.16	.....	8.16	8.00	20.49	19.60
16638	1.05	1.00	1.14	1.00	0.78	.....	7.71	7.00	14.90	13.40
16615	2.46	2.50	2.68	3.00	1.08	.....	8.61	8.00	23.28	22.60
16616	1.20	1.00	2.01	2.00	1.12	.....	8.43	8.00	17.38	15.60
16417	4.01	4.00	7.42	7.00	1.28	.....	8.09	8.00	33.68	32.60
16469	.....	.....	2.46	2.00	0.67	.....	10.11	10.00	11.69	11.00
16543	3.15	3.00	10.28	10.00	0.75	.....	10.37	10.00	35.62	34.00
16501	2.18	2.00	2.36	2.00	2.06	.....	7.30	8.00	20.66	19.60
16502	.....	.....	.....	.....	0.88	.....	14.97	14.00	13.65	12.60
16503	1.21	1.00	2.06	2.00	1.13	.....	8.48	8.00	17.53	15.60
16492	.....	.....	3.32	2.00	0.65	.....	10.75	10.00	13.13	11.00
16504	1.67	1.00	1.60	1.00	1.91	.....	8.67	7.00	19.44	13.40
16470	3.14	3.00	4.44	4.00	1.56	.....	7.76	8.00	26.93	25.60
16696	3.04a	3.00	4.62	4.00	1.37	.....	8.22	8.00	27.19	25.60
16418	3.53a	3.50	4.88	4.00	1.12	.....	8.44	8.00	29.58	27.60

a Contains Nitrate.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler, when not the College.)
9720	The Armour Fertilizer Works, Baltimore, Md.	Ammoniated Bone with Potash.	Baltimore
16405	" " "	Bone, Blood and Potash.	Baltimore
16428	" " "	Bone Meal	Baltimore
16652	" " "	Fish Tankage	Pocomoke City (J. H. Covington.)
16419	" " "	Fruit and Root Crop Special.	Baltimore
16493	" " "	Grain Grower	Baltimore.
16429	" " "	H. G. Potato	Baltimore
16629	" " "	Manure Substitute	Baltimore
16689	" " "	Phosphate and Potash	Baltimore
16529	" " "	Phosphate and Potash, No. 1.	Baltimore
16439	" " "	Phosphate and Potash, No. 2.	Baltimore
16567	" " "	Phosphoric Acid and Potash.	Baltimore
16568	" " "	Potato Special	Baltimore.
16505	" " "	Raw Bone Meal	Chase
16440	" " "	Royal Ammoniated Bone.	Baltimore
16590	" " "	Special Mixture	Secretary
16530	" " "	Special Mixture	Goldsboro
16406	" " "	Special Virginia Trucker.	Baltimore
16650	" " "	Star Phosphate	Pocomoke City (J. H. Covington.)
16667	" " "	Star Phosphate	Massey
16647	" " "	Superior Bone and Potash.	Providence
16408	" " "	10% Trucker	Baltimore
16631	" " "	Tobacco Special	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.				Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble.		Available.			
	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.		
9720	3.15a	3.00	2.68	2 00	1.43	.....	6.40	6.00	$23.53	$21.20
16405	5.12a	5.00	7.94b	7.00	0.57	.....	8.26	8 00	40.15	38.00
16428	3.20	3.00	.....	.....	23.88*	24.00*	.....	.....	32.79	.....
16652	9.80	.....	.....	.....	7.90*	.....	.....	.....	34.14	.....
16419	2.05	2.00	5.46	5.00	0.96	.....	8.21	8.00	23.89	22.60
16493	2.30	2.00	3.66	2.00	1.13	.....	7.90	8.00	22.79	19.60
16429	2.18	2.00	10.72	10.00	1.05	.....	8.75	8 00	30.36	27 60
16629	4.02a	4.00	4.16	4.00	1.23	.....	6.84	6.00	28.94	27.20
16689	.....	.....	5.64	5.00	0.40	.....	12.35	12.00	16.84	15 80
16529	.....	.....	2.34	2.00	0.32	.....	10.28	10 00	11.65	11.00
16439	.....	.....	5.86	5.00	0.28	.....	8.02	8.00	13.14	12.20
16567	.....	.....	5.52	5.00	0.35	.....	10.43	10.00	14.98	14.00
16568	2.52a	2.50	6.66	6 00	0.96	.....	7.04	6 00	25.57	23 20
16505	4.32	4.50	.....	.....	22.02*	22.00*	.....	.....	33.59	.....
16440	1.02	1.00	4.96	4.00	0.97	.....	8.73	8.00	19.91	17.60
16590	0.70	0.50	1.60	1.00	0.61	.....	8.40	8.00	12.08	10.20
16530	1.96	3.00	10.76	9.00	0.56	.....	9.16	7.00	29.81	29.40
16406	5.55a	5.00	7.68	7.00	1.15	.....	6.17	6.00	37.74	34.20
16650	.....	.....	.....	.....	0.43	.....	14.95	14 00	13.54	12.60
16667	.....	.....	.....	.....	0.33	.....	14.82	14.00	13.41	12 60
16647	1.16	1.00	7.02	7.00	0.51	.....	8.83	8.00	22.46	20.60
16408	9.48a	10.00	3.48	3.00	0.61	.....	6.02	5.00	48.86	49.00
16631	3.02a	3.00	4.08	3.00	0.80	.....	8.14	8.00	26.25	24.60

a Contains Nitrate.
b Contains Sulphate of Potash.
* Total Phosphoric Acid.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler when not the College.)
16471	The Armour Fertilizer Works, Baltimore, Md.	Tomato Grower.....	Baltimore.....
9716	" " "	Truck and Berry Special	Baltimore.....
16557	" " "	Wheat, Corn and Oats Special.	Pylesville.....
16607	C. A. Baile & Co., Medford, Md.	No. 3 Bone Phosphate...	Medford.....
16506	Baltimore Fertilizer Co., Baltimore, Md.	Honest Acid Phosphate..	Laurel.....
16507	" " "	Honest Bone and Potash.	Laurel.....
16544	" " "	Honest Bone Phosphate..	Baltimore.....
16508	" " "	Honest Crop Grower.....	Laurel.....
16509	" " "	Honest Potato and Tobacco Grower.	Laurel.....
16510	" " "	Honest Standard.....	Edgewater.....
16632	" " "	Honest Success.....	Baltimore.....
16545	" " "	Honest Trucker.....	Baltimore.....
16668	" " "	Old Honesty—Your Money's Worth.	Lineboro.....
16511	" " "	Pure Ground Bone.....	Laurel.....
16633	" " "	Revenue.....	Baltimore.....
16403	Baltimore Pulverizing Co., Baltimore, Md.	Royal Tomato Compound.	Baltimore.....
9711	" " "	S. C. Bone.....	Baltimore.....
16494	" " "	Special Spring Mixture..	Baltimore.....
16404	" " "	Special Strawberry Compound.	Baltimore.....
16524	Baugh & Sons Co., Baltimore, Md.	Ammoniated Soluble Alkaline.	Baltimore.....
16441	" " "	Animal Bone and Potash Compound.	Baltimore.....
16409	" " "	Complete Animal Bone Fertilizer.	Baltimore.....
16451	" " "	Double Eagle $25.00 Phosphate.	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.				Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble.		Available.			
	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.		
16471	2.32a	2.00	2.66	2.00	0.96	.....	8.35	8.00	$22.34	$19.60
9716	3.15a	3.00	10.36	10.00	0.75	.....	9.10	8.00	34.18	31.60
16557	1.30	1.00	1.46	1.00	1.69	.....	7.63	7.00	16.50	13.40
16607	2.01	1.25	2.12	2.00	1.37	1.50	9.60	9.50	22.23	19.00
16506	.....	.....	.....	.....	1.74	.....	14.39	14.00	13.30	12 60
16507	.....	.....	3.24	2.00	0.99	.....	10.15	10.00	12.57	11.00
16544	.58	.25	1.96	1.00	0.43	.....	7.25	7.00	10.90	8.30
16508	1.09a	1.00	1.52	....1.00	0.41	.....	7.70	8.00	15.28	14.60
16509	2.76a	2.00	7.52	8.00	1.05	.....	8.29	6.00	28.93	23 20
16510	1.62	1.25	3.06	3.00	0.64	.....	9.56	10.00	21.27	20.00
16632	1.93	1.00	5.36	4.00	0.89	.....	7.71	7.00	22.69	16.40
16545	3.91a	5.00	6.16	5.00	0.70	.....	6.90	6.00	30.36	32.20
16668	.92	.50	2.50	2.00	0.80	.....	7.87	8.00	13.42	11.20
16511	3.58	3.00	.....	.....	22.60*	22.90*	.....	.....	32.84	.....
16633	2.30	3.00	6.34	6.00	0.78	.....	7.34	7.00	24.66	26.40
16403	1.50	2.00	2.02	2 00	0.80	.....	10.12	8.00	20.48	19.60
9711	.....	.....	.....	.....	1.28	1.00	14.18	14.00	13.02	12.60
16494	.....	.....	2.46	1.00	0.67	.....	8.81	8.00	10.52	8.40
16404	2.45a	4.00	4.72	3.00	0.34	.....	6.30	5.00	22.22	25.00
16524	.58	.50	2.44	2.00	1.91	2.50	8.07	8.00	12.40	11.70
16441	2.64a	2.00	2.60	2.00	1.50	.....	8.03	8.00	23.40	19.60
16409	2.42	2.00	5.76	5.00	1.13	.....	8.14	8.00	25.66	22.60
16451	2.35	2.00	1.54	1.00	1.16	.....	8.28	8.00	21.34	18.60

a Contains Mitrate.
* Total Phosphoric Acid .

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler, when not the College.)
16442	Baugh & Sons Co., Baltimore, Md.	Excelsior Guano	Baltimore.
16449	" " "	Farmers' Friend Guano	Stockton
16598	" " "	Fine Ground Bone	Hagerstown
16410	" " "	Fish, Bone and Potash	Baltimore
9723	" " "	Fish, Bone and Potash	Middle River
16443	" " "	Fish Mixture	Baltimore
16444	" " "	General Crop Grower	Baltimore.
16512	" " "	Grand Rapid H. G. Truck Guano.	Laurel
16430	" " "	H. G. Acid Phosphate	Baltimore.
16523	" " "	H. G. Cotton and Truck Guano.	Rockville
16584	" " "	H. G. Potash Mixture	Baltimore
16558	" " "	Peninsula Grain Producer.	Ellicott City
16431	" " "	Peruvian Guano Substitute for Potatoes & Vegetables	Baltimore
16412	" " "	Potato and Truck Special.	Baltimore
16513	" " "	Pure Animal Bone and Muriate of Potash Mixture.	South River
16452	" " "	Pure Dissolved Animal Bone.	Baltimore
16411	" " "	Raw Bone Meal	Baltimore
16432	" " "	7% Potato Guano	Baltimore
16450	" " "	Soluble Alkaline Super Phosphate.	Snow Hill
16433	" " "	Special Potato Manure	Baltimore
16514	" " "	Strawberry Mixture	Middle River
16585	" " "	Tomato Compound	Baltimore
16569	" " "	12 x 5 Phosphate and Potash.	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.				Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble.		Available.			
	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.		
16442	1.64	1.00	4.30	4.00	1.93	.....	8.32	8.00	$21.61	$17.60
16449	5.90	5.00	5.70	5.00	1.15	.....	6.20	6.00	37.20	32.20
16598	3.30	3.00	.....	.....	17.80*	36.00†	.....	.....	27.39	.....
16410	3.48	4.00	3.46	4.00	0.83	.....	10.26	8.00	30.02	29.60
9723	4.61	4.00	4.76	4.00	1.26	.....	8.30	8.00	33.66	29.60
16443	2.44	2 00	2.62	2.00	1.39	.....	8.01	8.00	22.55	19.60
16444	1.40	1.00	1.64	1.00	1.32	.....	8.01	8.00	17.38	14.60
16512	3.21	3.00	3.74	3.00	0.80	.....	8.01	8.00	26.51	24.60
16430	.....	.....	.....	.....	1.00	.....	14.24	14.00	13.02	12.60
16523	2.35	2.00c	2.48	2.00	0.81	.....	9.68	10.00	23.82	22.00
16584	.....	.....	3.94	4.00	0.91	.....	10.36	10.00	13.44	13.00
16558	1.22	1.00	2.52	2.00	2.63	.....	7.79	8.00	17.80	15.60
16431	5.40	5 00	7.20	7.00	0.88	.....	6.43	6.00	36.86	34 20
16412	3.52	3.50	8.96	7.00	0.54	.....	7.07	7.00	31.74	29.40
16513	3.70	.....	5.49	.....	8.31	.....	8.80	.....	34.17	.....
16452	2.92	2 50	.....	.....	3.97	.....	14.54	13.00	30.72	25.60
16411	4.60	4.50	.....	.....	20.60*	21.50*	.....	.....	34.08	.....
16432	7.25	7.00	5.56	5.00	0.67	.....	6.20	6 00	42.27	40 20
16450	.....	.....	2.58	2.00	1.10	.....	10.03	10.00	11.83	11.00
16433	2.18	2.00	11.28	10.00	1.56	.....	5.77	5.00	27.54	24.00
16514	3.36	3.00	5.64	5.00	1.93	.....	7.41	7.00	28.74	25.40
16585	2.22	2.00	3.10	2 00	1.04	.....	8.08	8.00	22.10	19 60
16569	.....	.....	5.68	5.00	1.12	.....	12.09	12.00	16.78	15.80

* Total Phosphoric Acid.
† Total Bone Phosphate.
c Guaranteed "Nitrogen 1.65%" which equals 2% Ammonia.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler, when not the College.)
16603	Baugh & Sons Co., Baltimore, Md.	Wheat Fertilizer.....	Mt. Airy .....
16621	Beck-Walker Co., Chestertown, Md.	Corn Super-Phosphate....	Chestertown.....
16622	" " "	Propagator Super-Phosphate.	Chestertown. .....
16623	" " "	Tomato Super-Phosphate.	Chestertown.....
16624	" " "	Try Me Super-Phosphate.	Chestertown.....
16515	The Berg Co., Philadelphia, Pa.	Raw Bone Fine.....	Annapolis.....
16604	" " "	Pure Dissolved Bone and Potash.	Middle River.....
16516	" " "	S. B. M. Standard Bone Manure.	Annapolis.....
16517	" " "	Tobacco Manure.....	Annapolis.....
16518	" " "	Vigor Volo Bone and Potash.	Annapolis.....
16599	Wm. H. Bixler, Hagerstown, Md.	Bone Phosphate.....	Hagerstown.. .....
16600	" " "	Potato Fertilizer.....	Hagerstown.....
16472	Jas. Bonday, Jr., & Co., Baltimore, Md.	Old Reliable Brand Genuine German Kainit.	Baltimore.....
16559	John L. Clark, Ellicott City, Md.	Standard Bone Phosphate.	Ellicott City .....
16589	The Coe-Mortimer Co., New York, N. Y.	Genuine Peruvian Guano, Lobos, Chile.	Baltimore.....
16560	Josiah Cope & Co., Oxford, Pa.	Ammoniated Bone Phosphate.	Conowingo.....
16617	L. E. P. Dennis & Son, Crisfield, Md.	Fish and Potato Mixture No. 1.	Crisfield.....
16591	" " "	Fish and Potash Mixture No. 2.	Federalsburg .....
16618	" " "	Special Truck and Tomato Mixture	Snow Hill .....
16640	Dudley & Carpenter, Baltimore, Md.	California Tobacco Compound.	Baltimore.....
16586	" " "	Dissolved S. C. Rock.....	Baltimore.....
16587	" " "	Special Wheat Mixture...	Canton .....
16699	Edelen Bros., Baltimore, Md.	H. G. Tobacco Fertilizer.	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.				Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble.		Available.			
	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.		
16603	2.20	2.00	2.68	2.00	0.88	.....	8.09	8.00	$21.54	$19.60
16621	1.02a	1.00	5.20	4.00	0.08	.....	7.38	8.00	18.17	17.60
16622	2.11a	2.00	2.82	2.50	0.22	.....	8.37	8.00	21.40	20.10
16623	2.02a	2.00	4.56	4.00	0.32	.....	7.90	8.00	22.25	21.60
16624	0.56a	0 50	3.14	3.00	0.19	.....	9.32	9.00	13.81	13.10
16515	3.84	4.00	.....	.....	20.45*	20.00*	.....	.....	30.89	.....
16604	2.05a	2.00	5.82	5.00	4.42	.....	9.06	9.00	26.66	23.80
16516	3.21a	3.65c	6.71	6.00	1.98	.....	9.22	8.00	31.40	30.20
16517	2.18a	3.00	5.74	7.00	2.81	.....	9.42	8.00	26.88	28.60
16518	2.29	2.43d	5.38	5.00	6.12	.....	8.40	18.00*	27.07	36.32
16599	1.98	1.50	3.54	2.50	3.06	.....	6.42	8.00	20.38	18.10
16600	2.11	2.00	12.72	10.00	2.36	.....	6.68	8.00	30.12	27.60
16472	.....	.....	12.06	12.00	.....	.....	.....	.....	.....	.....
16559	1.67a	2.00	2.22	3.00	1.75	1.00	9.41	9.00	20.89	22.20
16589	3.20a	3.50	4.76b	4.75	4.61	6.00	10.93	9.00	33.47	32.90
16560	1.01	1.00	3.14	3.00	0.83	.....	10.05	10.00	19.57	19.00
16617	3.09	3.00	5.01	5.00	1.67	.....	7.13	7.00	26.60	25.40
16591	2.08	2.00	3.02	3 00	1.08	.....	5.93	7.00	18.89	19.40
16618	2.92	3.00	3.30	3.00	1.77	.....	6.04	7.00	22.94	23.40
16640	4.37a	4.00	2.18	2.00	2.95	1.00	7.87	8.00	30.28	28.00
16586	.....	.....	.....	.....	1.13	.....	12.87	14.00	11.81	12.60
16587	.....	.....	3.38	3.00	0.94	.....	12.05	12 00	14.42	13.80
16699	3.46	4.00	7.76	4.00	0.80	.....	7.15	6.00	30.50	27.20

a Contains Nitrate. b Valued as Sulphate of Potash. * Total Phosphoric Acid.
c Guaranteed "Nitrogen 3%" which equals 3.65% Ammonia.
d Guaranteed "Nitrogen 2%" which equals 2.43% Ammonia.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler, when not the College.)
16641	Edelen Bros., Baltimore, Md.	Special Tobacco Guano...	Baltimore.....
16570	T. W. Eliason, Chestertown, Md.	Our Special Diss. Alkaline Phosphate & Potash	Baltimore.....
16608	Englar Bros. & Co., Linwood, Md.	No. 2. Ammoniated Bone Phosphate.	Linwood.....
16648	The Eureka Fertilizer Co., Perryville, Md.	Alkaline Bone and Potash.	Rising Sun.....
16649	" " "	Corn and Potato Special..	Rising Sun.....
16685	" " "	Farmers' Favorite Bone Phosphate.	Rising Sun.....
16686	" " "	Fish, Bone and Potash,..	Rising Sun.....
16687	" " "	Imperial Bone Phosphate.	Rising Sun.....
16688	" " "	Potato and Vegetable....	Rising Sun.....
16434	W. S. Farmer & Co., Baltimore, Md.	Anne Arundel Trucker...	Baltimore.....
16547	" " "	B. & P. Phosphate.....	Baltimore.....
16436	" " "	Clyde Brand.....	Baltimore.....
16473	" " "	Dissolved S. C. Bone.....	Baltimore.....
16437	" " "	Fish Mixture.....	Baltimore. .....
16474	" " "	Harvest Queen Phosphate.	Baltimore.....
16571	" " "	H. G. B. & P. Phosphate.	Baltimore.....
16475	" " "	7% Potato Guano	Baltimore.....
16435	" " "	Standard Phosphate.....	Baltimore.....
16476	" " "	Top Dresser.....	Baltimore.....
16477	" " "	Truckers' Compound.....	Baltimore.....
16592	Farmers and Planters Co., Salisbury, Md.	Fish Mixture.....	Vienna .....
16619	" " "	General Crop Grower	St. Martins.....
16620	" " "	Truck Mixture.....	Salisbury.....

No.	NITROGEN Calculated as AMMONIA.		POTASH K_2O.		PHOSPHORIC ACID.				Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble.		Available.			
	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.		
16641	2.93	3.00	3.50	3.00	1.87	.....	10.48	8.00	$28.55	$24.60
16570	.....	.....	2.66	1.50	0.26	.....	13.54	11.00	14.90	11.40
16608	1.02	1.00	3.08	2.40	0.99	.....	9.42	9.80	18.86	18.16
16648	.....	.....	2.04	2.00	2.70	2.00	10.02	10.00	11.60	11.40
16649	1.55	1.00	3.02	3.00	2.01	.....	10.25	9.00	22.32	17.80
16685	1.23	2.00	1.52	2.00	2.39	.....	10.30	8.00	19.76	19.60
16686	0.59	0.50	1.18	1.00	2.97	.....	10.50	8.00	13.58	10.20
16687	1.01	1.00	2.62	1.00	2.33	.....	9.94	8.00	19.52	14.60
16688	2.10	2.00	1.34	4.00	2.14	.....	11.01	8.00	23.81	21.60
16434	4.42	4.50	8.48	7.00	1.35	.....	7.88	8.00	36.16	34.60
16547	.....	.....	2.22	2.00	0.51	.....	10.38	10.00	11.66	11.00
16436	1.18	1.00	2.01	2.00	1.24	.....	8.10	8.00	16.95	15.60
16473	.....	.....	.....	.....	0.86	.....	14.02	14.00	12.79	12.60
16437	2.26	2.00	2.24	2.00	1.37	.....	8.12	8.00	21.57	19.60
16474	1.83a	1.25	3.22	3.00	1.26	.....	8.81	9.00	21.61	18.80
16571	.....	.....	5.94	5.00	1.21	.....	10.54	10.00	15.67	14.00
16475	7.24	7.00	5.42	5.00	1.10	.....	7.04	6.00	43.27	40.20
16435	2.85	2.62	2.66	2.50	1.64	.....	10.17	10.00	26.92	25.00
16476	5.02a	5.00	2.86	2.50	0.81	.....	5.26	5.00	29.57	28.50
16477	3.22	3.00	4.38	4.00	1.66	.....	7.78	8.00	27.26	25.60
16592	2.01	2.50	2.01	2.00	1.83	.....	9.10	8.00	21.70	21.60
16619	1.01	1.00	1.70	2.00	0.88	.....	11.73	10.00	20.17	18.00
16620	2.35a	3.50	4.88	4.00	1.07	.....	9.02	8.00	25.53	27.60

a Contains Nitrate.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler, when not the College.)
16610	Farmers' Fertilizer & Feed Co., Westminister, Md.	No. 1. Bone Phosphate..	Westminster.....
16612	" " "	X X Bone Phosphate....	Westminster.....
16613	Farmers' Fer. Co. of Union Bridge, Union Bridge, Md.	Union Bridge Favorite...	Union Bridge.....
16572	J. W. Freeman, Great Mills, Md.	Crop Grower.....	Baltimore .....
16573	T. H. Gill, Avalon Va.	Special for Truck and Tobacco.	Baltimore .....
16634	" " "	Try Me Fertilizer.....	Baltimore .....
16420	Griffith & Boyd Co., Baltimore, Md.	Accomac Trucker.....	Baltimore .....
16574	" " "	Ammoniated Soluble Bone	Canton.....
16519	" " "	Buyers' Mixture.....	White Hall.....
16614	" " "	Cereal Bone Plant Food..	Union Mills.....
9717	" " "	Double Strength Tobacco Grower.	Baltimore .....
16520	" " "	Farmers' Potato Manure.	White Hall.....
16421	" " "	Fish, Bone and Potash...	Baltimore .....
16548	" " "	Harvest Queen Phosphate	Goldsboro. .....
16478	" " "	H. G. Acid Phosphate...	Baltimore .....
16422	" " "	Peerless Fertilizer.....	Baltimore. .....
16642	" " "	Pure Dissolved Animal Bone.	Baltimore.....
16479	" " "	Pure Fine Ground Bone Meal.	Baltimore .....
16480	" " "	Royal Potash Guano.....	Baltimore .....
16588	" " "	Soft Ground Bone Meal..	Canton.....
16549	" " "	Special Grain Grower....	Baltimore .....
16425	" " "	Special Guano	Baltimore .....
16423	" " "	Spring Crop Grower.....	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.				Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble.		Available.			
	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.		
16610	2.32	2.50	2.92	2.50	2.25	2.00	8.53	9.00	$23.34	$24.10
16612	1.25	1.00	2.86	3.00	0.99	1.00	9.75	9.00	19.96	18.20
16613	0.65	1.00	2.86	2.00	0.75	.....	9.02	8.00	13.73	15.60
16572	1.81a	1.00	1.44	1.00	0.86	1.50	7.70	8.00	18.26	15.20
16573	3.89a	3.00	3.86	3.00	1.56	.....	9.04	9.00	30.89	25.80
16634	2.12a	2.00	2.34	2.00	0.48	.....	12.19	9.00	25.64	20.80
16420	4.27	5.00	5.28	5.00	1.61	.....	7.13	6.00	31.56	32.20
16574	0.58	1.00	2.02	2.00	2.36	.....	8.11	7.00	12.11	14.40
16519	.....	.....	3.72	5.00	3.08	.....	11.47	12.00	14.66	15.80
16614	1.18	1.00	2.62	2.00	1.82	.....	8.24	8.00	17.96	15.60
9717	2.34	3.00	3.18	3.00	1.60	.....	9.47	8.00	24.54	24.60
16520	1.07	1.00	7.94	9.00	2.30	.....	8.22	8.00	23.00	22.60
16421	1.76	1.75	2.82	3.00	2.65	.....	7.49	7.00	19.91	18.40
16548	1.32	1.25	2.86	3.00	1.92	....	9.01	9.00	19.72	18.80
16478	.....	.....	.....	.....	0.88	.....	14.64	14.00	13.35	12.60
16422	0.58	0.35	2.54	2.00	1.63	.....	9.08	8.00	13.36	10.60
16642	2.15	2.50	.....	.....	2.95	.....	10.22	10.00	22.04	22.00
16479	5.10	4.00	.....	.....	18.17*	.....	.....	22.00	32.45	.....
16480	1.28	1.00	4.44	4.00	2.44	.....	7.41	8.00	19.43	17.60
16588	3.20	3.00	.....	.....	5.80	.....	4.45	11.00	20.46	25.20
16549	.....	.....	1.66	2.00	1.70	.....	10.88	10.00	11.79	11.00
16425	2.47	2.00	5.16	5.00	1.20	.....	8.08	8.00	25.22	22.60
16423	2.37	2.00	4.88	4.50	1.91	.....	6.62	6.50	23.06	20.30

a Contains Nitrate.
* Total Phosphoric Acid.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler, when not the College.)
16445	Griffith & Boyd Co., Baltimore, Md.	Stable Manure Substitute	Baltimore.
16481	" " "	Valley Fertilizer	Baltimore.
16426	" " "	Vegetable Bone	Baltimore.
15665	" " "	Vegetable Bone	Annapolis
16424	" " "	X. X. Potash Manure	Baltimore.
16643	Griffith & Turner Co., Baltimore, Md.	Ammoniated Alkaline Plant Food.	Baltimore.
16496	" " "	Ammoniated Butchers' Bone Phosphate.	Reisterstown
16644	" " "	Animal Bone Phosphate	Baltimore.
16497	" " "	H. G. Acid Phosphate	Reisterstown
16498	" " "	Soft Ground Bone	Reisterstown
16495	" " "	Special Mixture	Canton
16499	" " "	Special Potato Manure	Reisterstown
16645	" " "	Special 10% Truck Phosphate.	Baltimore.
16953	Hampstead Fertilizer Co., Hampstead, Md.	Honesty	Hampstead
16954	" " "	Standard	Hampstead
16883	Hanway & Barnes, Bel Air, Md.	Ground Bone	Bel Air
16884	" " "	H. & B. Special Tomato Grower.	Bel Air
16990	Hearn & Co., Cambridge, Md.	Farmers' Friend Plow Brand.	Baltimore
16976	S. M. Hess & Bro., Philadelphia, Pa.	Ammoniated Bone Superphosphate.	Baltimore
9713	" " "	Fish and Potash Manure.	Baltimore
16865	" " "	Ground Bone	Baltimore
16955	" " "	Keystone Bone Phosphate	Union Mills
16907	" " "	Peerless Phosphate	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.				Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble.		Available.			
	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.		
16445	3.52a	3.50	3.82	4.00	1.39	.....	5.42	5.00	$24.96	$24.00
16481	0.85	0.50	3.01	3.00	1.79	.....	8.41	8.00	14.34	12.20
16426	3.02	3.00	6.02	7.00	1.94	.....	9.14	8.00	29.76	28.60
16665	2.70	3.00	5.52	7.00	1.13	.....	9.57	8.00	28.25	28.60
16424	.....	.....	4.85	5.00	2.39	.....	10.31	10.00	14.61	14.00
16643	1.12a	1.00	1.76	1.50	2.77	1.00	7.54	6.50	16.80	13.70
16496	1.04a	1.25	3.24	1.50	1.96	1.00	8.61	9.00	18.51	17.70
16644	1.81	2.50	2.02	1.50	1.43	1.00	9.47	10.00	21.19	23.90
16497	.....	.....	.....	.....	0.30	1.00	14.48	14.00	13.09	12.80
16498	3.45	3.00	.....	.....	14.07*	11.00*	.....	.....	23.74	.....
16495	0.51	0.50	2.20	2.00	1.82	1.00	8.73	8.00	12.46	11.40
16499	1.18a	1.00	4.78	5.00	1.47	.....	7.87	8.00	19.53	18.60
16645	7.37a	10.00	2.50	2.00	0.84	.....	6.43	6.00	40.03	49.20
16953	0.58	0.50	2.54	2.00	0.33	.....	8.76	8.00	12.81	13.60
16954	1.40	1.25	3.74	3.00	1.82	.....	10.95	10.00	23.21	20.00
16883	3.60	3.00	.....	.....	19.29*	14.00*	.....	.....	29.76	.....
16884	2.12	2.00	2.26	2.00	0.77	.....	8.01	8.00	20.66	19.60
16990	2.29	2.00	5.02	5.00	1.63	.....	8.12	8.00	24.57	22.80
16976	2.03	2.00	2.44	2.00	1.24	.....	8.02	8.00	20.68	19.60
9713	2.15	2.00	3.38	3.00	1.04	.....	8.73	8.00	22.88	20.60
16865	4.27	4.00	.....	.....	20.02*	20.00*	.....	.....	31.46	.....
16955	1.31	1.00	1.30	1.00	1.37	.....	8.27	8.00	17.01	15.60
16907	.....	.....	4.79	5.00	0.81	1.00	11.22	12.00	15.05	16.00

a Contains Nitrate.
* Total Phosphoric Acid.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler, when not the College.)
16774	S. M. Hess & Bro., Philadelphia, Pa.	Potato and Truck Manure	Baltimore
16775	" " "	Soluble Bone	Baltimore
16908	" " "	Soluble Bone and Potash.	Baltimore
16776	" " "	Special Compound	Baltimore
16909	" " "	Special Corn Manure	Baltimore
16715	" " "	Special Potato Manure	Baltimore
16716	" " "	Special Top Dresser	Baltimore
9712	" " "	Special Top Dresser	Baltimore
16895	The Home Fertilizer & Chemical Co., Balto., Md.	Boykins' H. G. Acid Phosphate.	Baltimore
16777	" " "	Boykins' Vegetable Fertilizer.	Baltimore
16778	" " "	Cerealite Top Dressing	Baltimore
16942	W. H. Hood, Mt. Airy, Md.	Hood's Special Mixture	Mt. Airy
16978	The Hubbard Fertilizer Co., Baltimore, Md.	Climax Bone Super-Phosphate.	Baltimore
16910	" " "	Columbia Gem Phosphate.	Baltimore
16991	" " "	Dissolved Animal Bone and Potash.	Baltimore
16866	" " "	Farmers' I. X. L. Super-Phosphate.	Hillsboro
16848	" " "	H. G. Soluble Tennessee Phosphate.	Baltimore
9701	" " "	Jersey Trucker	Colora
16673	" " "	Nitrate of Soda	Rising Sun (Samuel Tyson.)
16897	" " "	Oriental Phosphate for Wheat and Grass	Baltimore
16662	" " "	Pure German Kainit	Vienna (C. S. Storr).
16992	" " "	Pure Raw Bone	Baltimore
16867	" " "	Royal Ensign for Early Market Vegetables	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH K_2O.		PHOSPHORIC ACID.				Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble.		Available.			
	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.		
16774	3.24	3.00	6.28	6.00	1.56	.....	8.61	8.00	$30.19	$27.60
16775	.....	.....	.....	.....	0.64	1.00	14.22	14.00	12.93	12.80
16908	.....	.....	2.30	2.00	0.46	1.00	10.33	10.00	11.69	11.20
16776	1.17	1.00	4.02	4.00	0.89	1.00	8.45	8.00	19.20	18.00
16909	1.30	1.00	2.52	2.00	1.63	1.00	8.35	8.00	18.39	16.00
16715	4.25	4.00	7.38	7.00	1.40	.....	8.07	8.00	34.62	32.60
16716	2.56	2.50	.....	.....	3.44	.....	11.40	12.00	25.30	24.40
9712	2.78	2.50	.....	.....	3.25	.....	10.79	12.00	25.37	24.40
16895	.....	.....	.....	.....	1.64	.....	14.01	14.00	12.94	12.60
16777	5.53a	5.00	6.30	6.00	1.85	.....	5.35	6.00	35.58	33.20
16778	7.36a	9.00	3.80	2.50	.....	.....	.....	.....	33.24	38.50
16942	1.16	1.00	2.36	2.00	3.47	.....	8.17	9.00	18.19	16.80
16978	1.01a	1.00	4.82	4.00	0.29	.....	6.69	7.00	17.01	16.40
16910	0.73a	0.50	1.26	1.00	0.64	.....	7.27	8.00	10.85	10.20
16991	1.05	1.00	2.18	2.00	0.81	.....	9.74	8.00	18.39	15.60
16866	2.23a	2.00	2.78	2.00	0.92	.....	8.31	8.00	22.04	19.60
16848	.....	.....	.....	.....	0.84	.....	14.46	14.00	13.18	12.60
9701	1.95a	2.00	8.12	10.00	1.07	2.00	9.63	8.00	27.91	28.40
16673	19.32a	.....	.....	.....	.....	.....	.....	.....	.....	.....
16897	1.25a	1.00	1.34	1.00	0.54	.....	7.54	8.00	15.61	14.60
16662	.....	.....	12.35	12.40	.....	.....	.....	.....	.....	.....
16992	5.75	4.50	.....	.....	20.82*	47.00†	.....	.....	35.70	.....
16867	3.11a	3.00	4.88	4.00	0.70	.....	8.11	8.00	27.33	25.60

a Contains Nitrate.
* Total Phosphoric Acid.
† Total "Bone Phosphate."

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler, when not the College.)
16656	The Hubbard Fertilizer Co., Baltimore, Md.	Royal Ensign for Early Market Vegetables.	Vienna..... (C. S. Storr.)
16849	" " "	Soluble Bone and Potash.	Baltimore.....
16923	" " "	Special Mixture of Bone and Potash.	Two Johns.....
16661	" " "	Special Mixture of Bone and Potash.	Vienna..... (C. S. Storr.)
16700	" " "	Standard Bone Super-Phosphate.	Baltimore.....
16738	" " "	Truckers' 7% Royal Seal Compound.	Baltimore.....
16929	M. P. Hubbard & Co., Baltimore, Md.	Beckley's Bone Mixture..	Halfway.....
16896	" " "	Celebrated Bone Phosphate for General Use.	Baltimore.....
16779	" " "	Excelsior Bone Phosphate.	Baltimore.....
16780	" " "	Farmers' Acme Fertilizer.	Baltimore.....
16781	" " "	Fish, Bone and Potash....	Baltimore.....
16977	" " "	Havana Special for Tobacco.	Baltimore.....
16756	" " "	Maryland Special Vegetable Grower.	Snow Hill.....
16727	" " "	Old Economy.....	Baltimore.....
16701	" " "	7% Bermuda Guano.....	Baltimore.....
16911	" " "	Soluble Bone and Potash.	Baltimore.....
16728	" " "	Soluble S. C. Bone Phosphate.	Baltimore.....
16706	" " "	Special Potato and Tomato Fertilizer.	Baltimore.....
16828	Wilbur W. Hubbard, Chestertown, Md.	Our Early Tomato Peerless with Ammonia Increased	Edgewater.....
16739	" " "	Our Peerless Fertilizer..	Baltimore.... .....
16740	" " "	Our Special Potato Fertilizer.	Baltimore.....
16972	" " "	Our Victor Fertilizer.....	Chestertown.....
16973	" " "	Special Mixture....	Kennedyville.....

No.	NITROGEN, Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.				Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble.		Available.			
	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.		
16656	3.02a	3.00	5.02	4.00	0.44	.....	8.21	8.00	$27.12	$25.60
16849	.....	.....	2.02	2.00	0.69	.....	12.01	10.00	12.97	11.00
16923	.....	.....	5.44	4.00	0.88	.....	10.31	10.00	15.07	13.00
16661	.....	.....	5.04	4.00	0.81	.....	10.83	10.00	14.95	13.00
16700	2.08a	2.00	2.80	3.00	0.89	.....	7.46	8.00	20.43	20.60
16738	6.26a	7.00	5.01	5.00	0.78	.....	6.84	6.00	38.57	40.20
16929	1.-	1.50	.....	.....	1.21	.....	14.03	14.00	24.84	22.80
16896	2.15	2.00	2.06	2.00	0.70	.....	9.57	9.00	22.42	20.80
16779	1.09	1.00	2.58	2.00	0.64	.....	8.84	8.00	17.81	15.60
16780	2.01	2.00	2.16	2.00	0.30	.....	8.91	7.00	21.01	18.40
16781	0.68	0.25	1.96	1.00	0.53	.....	6.24	6.00	10.41	7.40
16977	2.97	2.50	3.50	2.50	0.70	.....	8.58	9.00	25.96	23.30
16756	5.05	5.00	4.90	5.00	0.94	.....	7.40	7.00	34.36	33.40
16727	0.78	0.50	2.14	2.00	1.15	.....	8.08	8.00	12.76	11.20
16701	6.21	7.00	3.40	4.00	0.89	.....	7.88	7.00	38.06	40.40
16911	.....	.....	2.02	2.00	1.43	2.00	10.02	10.00	11.33	11.40
16728	.....	.....	.....	.....	0.77	.....	14.01	14.00	12.76	12.60
16706	2.06	2.00	5.22	5.00	0.65	.....	8.42	7.00	23.82	21.40
16828	2.53a	3.00	5.01	5.00	1.37	.....	9.31	7.00	26.85	25.40
16739	1.81a	2.00	4.01	4.00	1.10	.....	8.08	8.00	23.39	21.60
16740	2.54a	3.00	5.84	5.00	1.18	.....	8.35	7.00	26.49	25.40
16972	1.47	1.00	2.76	2.00	2.20	.....	9.35	8.00	20.74	15.60
16973	0.51a	.....	2.96	.....	0.73	.....	7.40	.....	11.81	.....

a Contains Nitrate.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler, when not the College.)
16741	Wilbur W. Hubbard, Chestertown, Md.	Special Mixture	Baltimore.
16868	" " "	Sweet Potato Manure	Baltimore
16813	S. L. Lamberd Co., Baltimore, Md.	Boss Fertilizer	Baltimore
13993	" " "	Favorite Fertilizer	Baltimore.
16869	Lister's Agricultural Chemical Works, Newark, N. J.	Alkaline Bone	Baltimore
16898	" " "	Alkaline Bone, No. 1	Baltimore
16912	" " "	Bone Meal	Baltimore
16829	" " "	Celebrated Ground Bone Acidulated.	Middle River
16782	" " "	"G" Brand Fertilizer	Baltimore.
16758	" " "	Harvest Queen Phosphate	Stockton
16759	" " "	Potato Manure	Stockton
16783	" " "	Special Corn and Potato Fertilizer.	Baltimore
16757	" " "	Special Corn and Potato Fertilizer.	Stockton
16830	" " "	Special Crop Producer	Middle River
16717	" " "	Special 10% Potato Fertilizer.	Baltimore
16899	" " "	Special Tobacco Fertilizer	Baltimore
16814	" " "	Standard Pure Bone Super-Phosphate of Lime.	Baltimore
16760	" " "	U. S. Super-Phosphate	Stockton
9719	Mapes Formula and Peruvian Guano Co., N. Y., N. Y.	Corn Manure	Baltimore
16666	" " "	Economical Potato Manure.	Annapolis
16979	" " "	Grass and Grain Spring Top Dressing.	Baltimore
16729	The D. B. Martin Co., Philadelphia, Pa.	Acid Phosphate	Baltimore
16815	" " "	Bull's Head Fertilizer for Cotton and Tobacco.	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.				Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble.		Available.			
	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.		
16741	0.48	0.75	2.22	3.00	0.96	.....	10.21	9.00	$13.52	$14.10
16868	1.88a	2.00	9.00	10.00	1.05	.....	8.24	8.00	26.83	27.60
16813	1.79	2.00	5.26	4.50	1.64	1.00	7.48	6.50	22.06	20.70
16993	0.60	1.00	2.98	2.00	1.50	2.00	8.83	8.00	13.63	16.40
16869	.....	.....	2.04	2.00	0.97	.....	10.12	10.00	11.34	11.00
16898	.....	.....	5.48	5.00	1.21	.....	11.84	12.00	16.38	15.80
16912	3.30	3.25	.....	.....	26.40*	23.00*	.....	.....	35.14	.....
16829	3.26	3.25	.....	.....	9.48	12.00*	5.78	.....	23.67	27.40
16782	1.26	1.00	4.50	4.00	1.77	.....	8.50	8.00	20.45	17.60
16758	1.72	1.50	2.42	2.00	2.09	.....	8.65	9.00	20.52	18.80
16759	4.13a	4.00	7.68	7.00	1.10	.....	8.24	8.00	34.53	32.60
16783	2.30	2.00	3.50	3.00	3.68	.....	8.01	8.00	23.78	20.60
16757	2.20	2.00	3.44	3.00	2.69	.....	8.04	8.00	22.97	20.60
16830	1.28	1.00	1.46	1.00	1.28	.....	7.38	7.00	15.95	13.40
16717	2.04a	2.00	13.80	10.00	0.99	.....	7.82	8.00	31.74	27.60
16899	2.55	2.50	3.78	3.00	2.87	.....	7.17	8.00	23.73	22 60
16814	3.04	3.00	2.84	2.00	1.10	.....	8.89	9.00	26.11	24.80
16760	1.67	1.25	2.12	2.00	1.71	1.00	8.63	8.00	19.84	17.00
9719	3.26a	3.00	6.22	6.00	4.03	1.00	6.71	8.00	28.92	28.00
16666	4.37a	4.00	8.68b	8.00	2.06	2.00	4.62	4.00	34.26	31.20
16979	5.84a	6.00	8.10	7.00	1.98	1.00	5.30	5.00	38.61	37.40
16729	.....	.....	.....	.....	0.94	.....	14.51	14.00	13.25	12.60
16815	3.57a	3.00	3.78	3.00	3.30	.....	7.87	8.00	28.82	24.60

* Total Phosphoric Acid.
a Contains Nitrate.
b As Sulphate of Potash.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler, when not the College.)
16761	The D. B. Martin Co., Philadelphia, Pa.	Claremont Vegetable Grower.	Stockton.....
16762	" " "	Corn and Cereal Special..	Stockton .....
16702	" " "	Crop Producer.....	Baltimore .....
16742	" " "	Dissolved Organic Compound.	Baltimore.....
16707	" " "	Early Truck and Vegetable Grower.	Baltimore.....
16730	" " "	Gilt Edge Potato Manure.	Baltimore.....
16784	" " "	One, Eight and Four.....	Baltimore.....
9709	" " "	Potash and Soluble Bone.	Baltimore.....
16816	" " "	Potash and Soluble Bone.	Baltimore.....
16708	" " "	Pure Animal Bone and Potash.	Baltimore.....
16785	" " "	Pure Dissolved Animal Bone.	Baltimore.....
16786	" " "	Pure Ground Bone.....	Baltimore.....
16844	" " "	Pure Ground Bone.....	Silver Springs.....
16718	" " "	Pure Raw Bone Meal....	Baltimore.....
16763	" " "	7% Guano.....	Stockton .....
16787	" " "	Special Potato Manure...	Baltimore.....
16764	" " "	Sure Grower.....	Stockton.....
16948	Maryland Grange Agency, Baltimore, Md.	Special Mixture.....	Baltimore .....
9721	F. Maynard, Baltimore, Md.	H. G. Special Vegetator..	Baltimore.....
9722	" " "	H. G. Truckers' Pride...	Baltimore.....
16956	F. Mehring, Bruceville, Md.	Acid Phosphate.....	Bruceville.....
16957	" " "	Dissolved Raw Bone	Bruceville.....
16930	" " "	Emmert's Half-and-Half.	Williamsport.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.				Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble.		Available.			
	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.		
16761	3.31a	3.00	5.72	5.00	1.56	.....	7.47	7.00	$28.54	$25.40
16762	2.03	2.00	2.02	2.00	2.60	.....	8.75	8.00	21.68	19.60
16702	1.27	1.25	.....	.....	1.40	.....	9.79	10.00	17.39	17.00
16742	1.41	1.25	1.91	2.00	3.67	.....	8.32	9.00	19.00	17.80
16707	4.32a	4.00	8.02	8.00	2.60	.....	6.66	6.00	34.26	31.20
16730	3.01a	3.00	10.34	10.00	3.75	.....	7.01	7.00	32.19	30.40
16784	1.07	1.00	4.02	4.00	1.15	.....	8.08	8.00	18.46	17.60
9709	.....	.....	2.30	3.00	2.42	.....	12.72	12.00	14.23	13.80
16816	.....	.....	4.70	5.00	0.32	.....	12.67	12.00	16.16	15.80
16708	2.51	2.00	1.70	2.50	8.69	16 00*	13.21	.....	31.07	29.70
16785	2.05	2.00	.....	.....	2.39	.....	12.04	12.00	23.61	22.40
16786	3.42	3.00	.....	.....	23.25*	22.90*	.....	.....	32.69	.....
16844	2.41	2.00	.....	.....	25.77*	22.90*	.....	.....	31.86	.....
16718	4.73	4.50	.....	.....	21.85*	21.00*	.....	.....	34.43	.....
16763	7.01a	7.00	4.56	5.00	1.08	.....	6.51	6.00	40.84	40.20
16787	1.54	1.00	4.01	5.00	3.25	.....	7.02	8.00	19.89	18.60
16764	1.02	1.00	1.28	1.00	3.30	.....	9.10	8.00	17.60	14.60
16948	2.01	.....	1.64	.....	2.20	.....	11.57	.....	24.44	.....
9721	2.70	3.00	2.70	2.50	0.59	.....	7.30	7.00	22.50	22.90
9722	4.52a	4.80	2.92	2.50	1.12	.....	5.83	5.50	28.45	28.30
16956	.....	.....	.....	.....	2.04	1.00	16.61	15.00	15.36	13.70
16957	2.01	2.00	.....	.....	1.28	1.00	16.62	14.00	28.49	25.20
16930	0.85	1.00	2.74	2.00	1.63	1.00	14.02	13.00	19.09	22.00

a Contains Nitrate.
* Total Phosphoric Acid.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler, when not the College.)
16931	F. Mehring, Bruceville, Md.	General Crop Grower	Williamsport.....
16958	" " "	Twenty-Six Dollar Phosphate.	Bruceville.....
16885	The Miller Fertilizer Co., Baltimore, Md.	Ammoniated Dissolved Bone.	Ellicott City.....
16850	" " "	Clinch Phosphate Rock and Potash.	Baltimore.....
16851	" " "	Club Brand.....	Baltimore.....
16900	" " "	Corn Fertilizer.....	Baltimore.....
16886	" " "	Dissolved Raw Bone.....	Ellicott City.....
16788	" " "	Ground Bone.....	Baltimore.....
16789	" " "	Harvest Queen.....	Baltimore.....
16852	" " "	Hustler Phosphate.....	Baltimore.....
16831	" " "	McAfee's Top Dressing..	Annapolis.....
16853	" " "	McAfee's Truckers' Favorite.	Baltimore.....
16854	" " "	Potato and Vegetable Grower.	Baltimore.....
16731	" " "	Potato and Vegetable Grower, No. 1.	Baltimore.....
16719	" " "	S. C. Rock.....	Baltimore.....
9718	" " "	Special Tobacco Grower..	Baltimore.....
16855	" " "	Special Tomato Grower..	Baltimore.....
16732	" " "	Standard Phosphate	Baltimore.....
16856	" " "	W. G. Phosphate.....	Baltimore.....
16752	J. B. Nichols & Son, Baltimore, Md.	Farmers' Friend Guano..	Baltimore.....
16932	Nicodemus & Grimes, Monrovia, Md.	Sullivan's S. S. S.....	Monrovia.....
16994	O. Ober & Sons Co., Baltimore, Md.	Avondale Ammoniated Dissolved Bone.	Baltimore.....
16882	" " "	Dissolved Animal Bone...	White Marsh.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.				Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble.		Available.			
	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.		
16931	1.13	1 00	1.48	1.25	3.60	1.00	11.51	11.00	$21.25	$18.85
16958	1.61	1.50	1.62	1.50	4.06	1.00	11.93	11.00	24.00	21.10
16885	2.10	2.00	2.20	2.00	1.04	1.50	8.36	8.00	21.05	20.20
16850	.....	.....	2.48	2.00	0.35	2.00	10.19	10.00	11.72	11.40
16851	0.73	0.50	2.20	2.00	0.81	1.50	8.01	8.00	12.49	11.50
16900	1.31	1.00	3.22	3.00	0.80	1.50	7.54	7.00	17.83	16.00
16886	2.82	2.50	.....	.....	3.03	2.00	11.03	11.00	25.73	24.00
16788	4.98	4.50	.....	.....	22.20*	21.00*	.....	.....	34.45	.....
16789	2.68	1 25	3.26	2.75	0.73	1.50	8.58	9.00	24.57	19.15
16852	1.08	1.00	1.12	1.00	0.65	1.50	8.29	8.00	15.65	15.20
16831	5.31a	5.00	3.02	2.50	0.29	.....	4.52	4.00	29.80	27.30
16853	3.77a	3.75	3.28	2.50	1.58	.....	8.53	9.00	29.23	28.30
16854	2.14	2.00	4.04	4.00	1.53	1.50	7.81	8.00	22.58	22.20
16731	4.93	4.50	7.05	7.00	0.53	1.50	8.25	8.00	36.88	35.20
16719	.....	.....	.....	.....	0.51	.....	14.60	14.00	13.24	12.60
9718	2.13	2 00	4.52	4.00	1.16	1.50	7.27	8.00	22.22	22.20
16855	2.09	2.00	2.14	2.00	0.99	1.50	8.29	8.00	20.85	20.20
16732	3.04	3.00	3.06	3.00	2.63	1.50	7.75	8.00	25.57	25.20
16856	0.64	0.50	1.18	1.00	0.75	1.50	7.20	7.00	10.37	9.60
16752	4.42a	4.00	4.10	4.00	1.60	.....	8.38	7.00	32.48	28.40
16932	2.87	2.00	2.72	2.00	1.21	.....	8.32	9.00	24.66	20.80
16994	2.13	2 25	2.24	1.50	1.05	2.75	11.30	8.50	24.74	21.80
16832	3.43	3.00	.....	.....	3.68	.....	12.53	10.00	30.23	24.00

* Total Phosphoric Acid.
a Contains Nitrate.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler when not the College.)
16743	G. Ober & Sons Co., Baltimore, Md.	Dissolved BonePhosphate.	Baltimore.....
16819	" " "	Dissolved Bone Phosphate and Potash.	Baltimore.....
16790	" " "	Farmers' Mixture.....	Baltimore.....
16791	" " "	Farmers' StandardAmmoniated Phosphate.	Baltimore.....
16709	" " "	Fish, Bone and PotashMixture.	Baltimore.....
16744	" " "	Fish and Potash Fertilizer.	Baltimore.....
16980	" " "	Independent Ammoniated Super-Phosphate.	Baltimore.....
16694	" " "	Nitrate of Soda.....	Baltimore.....
16959	" " "	Princeton Complete Compound.	Sykesville .....
16820	" " "	Pure Bone Meal.....	Baltimore.....
16710	" " "	Soluble Ammoniated Super-Phosphate of Lime.	Baltimore.....
16821	" " "	Special Compound for Tobacco.	Baltimore.....
16792	" " "	Special Plant Food.....	Baltimore.....
16745	" " "	Special Tobacco Bed Fertilizer.	Baltimore.....
16981	" " "	Standard Potash Compound.	Baltimore.....
16711	" " "	Standard Southern Vegetable Fertilizer.	Baltimore.....
16833	Patapsco Guano Co., Baltimore, Md.	Baltimore Soluble Phosphate.	Cockeysville.....
16960	" " "	Blood, Bone and Potash..	Greenmount.....
16793	" " "	Columbian Guano for Potatoes and Tobacco.	Baltimore.....
16794	" " "	Coon Brand Guano.....	Baltimore.....
16795	" " "	Corn and Tomato Fertilizer.	Baltimore.....
16901	" " "	Dissolved Raw Bone....	Baltimore.....
16746	" " "	Early Trucker.....	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.				Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble.		Available.			
	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.		
16743	.....	.....	.....	.....	0.67	.....	15.54	14.00	$ 14.12	$12.60
16819	.....	0.00	2.56	2.00	1.26	.....	11.38	10.00	13.05	11.00
16790	1.45a	1.00	2.20	2.00	1.40	.....	10.63	9.00	21.32	16.80
16791	2.39a	2.00	2.48	2.00	1.40	.....	9.55	9.00	24.06	20.80
16709	4.18a	3.25	3.98	3.50	1.72	.....	8.39	8.00	31.46	26.10
16744	2.24a	2.00	2.34	2.00	1.20	.....	9.56	9.00	23.25	20.80
16980	1.67a	1.00	1.86	1.00	1.26	.....	9.50	8.00	20.44	14.60
16694	19.44a	18.00	.....	.....	.....	.....	.....	.....	.....	.....
16959	2.01a	2.00	4.02	4.00	0.46	.....	10.92	8.00	25.34	21.60
16820	3.10	3.00	.....	.....	24.50*	22.00*	.....	.....	33.73	.....
16710	2.30a	2.00	2.72	2 00	2.42	.....	8.40	8.00	22.97	19.60
16821	3.07a	3.00	2.86	3.00	1.21	.....	10.06	8.00	27.69	24.60
16792	2.30a	2.00	5.76	5.00	1.50	.....	10.17	9.00	27.76	23.80
16745	10.10a	10.00	3.96	3.00	1.24	.....	5.37	4.00	51.30	47.80
16981	.....	.....	5.02	5.00	0.24	.....	14.36	12.00	17.99	15.80
16711	7.02a	7.00	6.34	5.00	1.13	.....	7.41	6 00	43.76	40.20
16833	.....	.....	2.12	2.00	0.62	.....	11.38	11.00	12.48	11 90
16960	0.78	0.50	2.24	2.00	0.94	.....	8.24	8.00	12.97	11.20
16793	2.59	3.00	5.94	5.00	1.00	.....	8.63	8.00	27.06	26 60
16794	1.19	1.00	3.32	3.00	1.29	.....	8.91	9.00	19.29	17.80
16795	1.84	1.50	2.46	2.00	1.63	.....	8.92	9.00	21.17	18.80
16901	2.62	2.50	.....	.....	3.67	.....	11.41	12.00	25.64	24.40
16746	5.03	5.00	5.52	5.00	1.31	.....	7.49	7.00	35.15	33.40

a Contains Nitrate.
* Total Phosphoric Acid.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler, when not the College.)
16796	Patapsco Guano Co., Baltimore, Md.	Fish Guano	Baltimore
16797	" " "	Grange Mixture	Baltimore
16913	" " "	Peninsula Potash Mixture	Baltimore
16693	" " "	Phospho-Potash	Baltimore
16817	" " "	Pure Dissolved S.C. Bone.	Baltimore
9708	" " "	Pure Ground Bone	Baltimore
16818	" " "	Sea Gull Guano	Baltimore
16914	" " "	Special Wheat Compound.	Baltimore
9714	" " "	Tobacco Fertilizer	Baltimore
16834	" " "	Tobacco and Potato Fertilizer.	Cockeysville
16734	Piedmont-Mt. Airy Guano Co., Baltimore, Md.	Farmers' H. G. Bone and Potash.	Baltimore.
16995	" " "	Gold Rod 7%	Baltimore.
16870	" " "	Gold Star Guano	Baltimore.
16735	" " "	Insula Guano for all Crops.	Baltimore.
16933	" " "	Levering's Ammoniated Bone.	Mt. Airy
16835	" " "	Levering's Harvest Queen	White Marsh
16982	" " "	Levering's I. X. L. Crop Grower.	Baltimore
16747	" " "	Levering's Standard	Baltimore.
16798	" " "	Mt. Airy Garden and Truck Fertilizer.	Baltimore
16663	" " "	Muriate of Potash	Easton (G. L. Price.)
16845	" " "	Peerless Phosphate	Germantown
16836	" " "	Piedmont Dissolved Animal Bone.	Berwyn
16733	" " "	Piedmont Early Trucker 5%	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.				Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble		Available.			
	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.		
16796	2.12	2.00	2.50	2.00	1.05	.....	6.46	6.00	$19.15	$17.20
16797	2.05	2.00	2 16	2.00	1.37	.....	8.09	8.00	20.62	19.60
16913	.....	.....	5.62	5.00	1.07	.....	12.08	12.00	16.92	15.80
16693	.....	.....	3.02	3.00	0.45	1.00	6.72	6.00	9.16	8.60
16817	.....	.....	.....	.....	1.28	.....	13.78	14.00	12.66	12.60
9708	4.59	4.50	.....	.....	20.95*	45.00†	.....	.....	32.86	.....
16818	1.23	1.00	1.22	1.00	1.30	.....	8.04	8.00	16.31	14.60
16914	2.44	2.25	2.86	2.50	4.30	5.00	9.57	9.00	25.82	24.30
9714	3.21a	3.00	3.36	3.00	1.55	.....	8.08	9.00	26.52	25.80
16834	2.05	2.00	4.42	4.00	1.64	.....	7.91	8.00	22.77	21.60
16734	.....	.....	2.88	2.00	0.51	.....	9.91	10.00	11.90	11.00
16995	6.46a	7.00	5.22	5.00	0.27	.....	5.20	6.00	37.41	40.20
16870	3.01a	3.00	5.58	6.00	0.78	.....	6.03	6.00	25.17	25.20
16735	0.72	0.50	2.38	2.00	0.62	.....	7.29	7.00	11.94	10.30
16933	1.23a	1.00	3.01	3.00	0.70	1.00	8.48	9.00	18.39	18.20
16835	1.14a	1.00	2.38	2.00	0.51	.....	8.38	8.00	17.20	15.60
16982	.....	.....	3.48	3.00	0.41	.....	10.05	10.00	12.61	12.00
16747	2.40	2.00	4.28	3.00	0.49	.....	7.11	8.00	22.61	20.60
16798	3.26	3.00	3.02	4.00	0.56	.....	8.30	8.00	26.24	25.60
16663	.....	.....	46.05	50.00	.....	.....	.....	.....	.....	.....
16845	1.14	1.00	1.96	1.50	0.70	2.00	8.18	8.00	16.62	15.90
16836	3.33	2.50	.....	.....	0.38	.....	11.51	10.00	27.21	22.00
16733	4.32a	5.00	5.12	5.00	0.70	.....	6.98	6.00	31.06	32.20

* Total Phosphoric Acid.
† Total "Bone Phosphate."
a Contains Nitrate.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler, when not the College.)
16765	Piedmont-Mt. Airy Guano Co., Baltimore, Md.	Piedmont Economy.....	Berlin.....
16720	" " "	Piedmont Farmers' Favorite.	Baltimore.....
16721	" " "	Piedmont Fish Guano....	Baltimore.....
16996	" " "	Piedmont Guano for Tobacco.	Baltimore.....
9715	" " "	Piedmont Guano for Tobacco.	Baltimore.....
16822	" " "	Piedmont H. G. Ammoniated Bone and Potash.	Baltimore.....
16847	" " "	Piedmont H.G.S.C. Bone.	Baltimore.....
16823	" " "	Piedmont Perfection Guano	Baltimore.....
16713	" " "	Piedmont Potato Producer	Baltimore.....
16997	" " "	Piedmont Pure Raw Bone Mixture.	Baltimore.....
16766	" " "	Piedmont Raw Bone Meal.	Snow Hill.....
16934	" " "	Piedmont Royal Ammoniated Bone and Potash.	Hagerstown.....
16983	" " "	Piedmont Special Truck Fertilizer.	Baltimore.....
16871	" " "	Piedmont Success.....	Baltimore.....
16998	" " "	Piedmont Wheat Compound.	Baltimore.....
16846	" " "	Soluble Bone and Potash.	Baltimore.....
16936	" " "	Standard Dissolved Bone Phosphate.	Mt. Airy.....
16703	The Pollock Fertilizer Co., Baltimore, Md.	Accomac Trucker.....	Baltimore.....
16800	" " "	Ammoniated Bone Phosphate.	Baltimore.....
9725	" " "	Crop Invigorator.....	Baltimore.....
16999	" " "	Dissolved Bone and Potash.	Baltimore.....
16736	" " "	Dissolved S. C. Bone.....	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.				Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble.		Available.			
	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.		
16765	0.53	0.25	1.48	2.00	0.45	.....	10.50	10.00	$13.14	$12.00
16720	1.12	1.00	2.68	4.00	0.88	.....	10.26	8.00	19.26	17.60
16721	2.53a	2.00	2.80	2.00	1.15	.....	8.08	8.00	23.08	19.60
16996	2.70a	2.50	3.24	3.00	0.37	.....	8.95	8.00	24.89	22.60
9715	2.18a	2.50	3.30	3.00	0.41	.....	8.12	8.00	21.92	22.60
16822	3.77	3.00	3.16	3.00	1.77	.....	8.02	8.00	28.57	24.60
16847	.....	.....	.....	.....	0.61	.....	14.74	14.00	13.39	12.60
16823	1.83a	2.00	4.16	5.00	1.12	.....	8.33	8.00	21.93	22.60
16713	3.06a	3.00	6.86	6.00	1.64	.....	4.42	5.00	25.06	24.00
16997	1.77	1.25	2.02	2.00	6.18	.....	8.07	8.00	21.25	16.60
16766	4.10	4.00	.....	.....	20.20*	40.00†	.....	.....	31.44	.....
16934	1.40	1.30	4.70	3.00	0.57	.....	6.44	6.00	18.26	15.40
16983	6.14a	7.00	5.86	5.00	0.29	.....	6.88	6.00	38.80	40.20
16871	1.59a	0.25	4.34	5.00	0.67	.....	7.33	9.00	19.77	14.10
16998	.....	.....	5.44	5.00	0.35	.....	12.13	12.00	16.43	15.80
16846	.....	.....	1.14	2.00	0.56	.....	12.16	8.00	12.19	9.20
16936	1.23	1.00	2.34	2.00	0.64	1.50	9.39	10.00	18.79	18.60
16703	5.07	5.00	5.32	5.00	1.26	1.00	7.20	7.00	34.74	33.80
16800	2.12	2.00	2.14	2.00	1.50	1.00	8.59	8.00	21.53	20.00
9725	1.14	1.00	4.06	4.00	1.02	1.00	8.42	8.00	19.13	18.00
16999	.....	.....	3.87	4.00	1.28	1.00	10.60	10.00	13.67	13.20
16736	.....	.....	.....	.....	0.37	1.00	14.69	14.00	13.29	12.80

a Contains Nitrate.
* Total Phosphoric Acid.
† Total Bone Phosphate.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler when not the College.)
16704	The Pollock Fertilizer Co., Baltimore, Md.	Early Truck Guano	Baltimore
16671	" " "	Ground Animal Bone	Hermansville (Jos. A. Bean)
16872	" " "	Owl Brand Guano	Baltimore.
16915	" " "	Soft Ground Bone	Canton
16916	" " "	Soluble Bone and Potash	Baltimore
16705	" " "	Special Tobacco and Potato Fertilizer.	Baltimore
16824	" " "	Superior Corn and Tomato Fertilizer	Baltimore
16937	" " "	Victor Bone Phosphate	Emmittsburg
16670	Pugh & Lyons, Oxford, Pa.	Pure Raw Bone	Cecil County (Jas. H. Lynch.)
16938	Ramsburg Fertilizer Co., Frederick, Md.	Alkaline Phosphate	Mt. Airy
16939	" " "	Ammoniated Bone Phosphate.	Mt. Airy
16949	" " "	Corn and Potato Fertilizer	Frederick
16940	" " "	Dissolved Bone Superphosphate.	Mt. Airy
16941	" " "	Excelsior Plant Food	Mt. Airy
16749	Rasin-Monumental Co., Baltimore, Md.	Early Truckers' Special	Baltimore
16722	" " "	Irish Potato Special	Baltimore
16887	" " "	Pure Raw Bone	Forest Hill
16748	" " "	Rasin's Acid Phosphate	Baltimore.
16801	" " "	Rasin's Bone and Potash	Baltimore
16837	" " "	Rasin's Empire Guano	Annapolis.
16857	" " "	Rasin's Gold Standard	Baltimore.
16985	" " "	Rasin's H. G. Bone and Potash	Baltimore
16802	" " "	Rasin's I. X. L. Fertilizer	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.				Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble.		Available.			
	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.		
16704	7.29a	8.00	5.24	5.00	0.96	1.00	6.48	7.00	$42.56	$45.80
16671	4.35	4.00	.....	.....	20.79*	22.00*	.....	.....	32.60	.....
16872	0.73	0.50	1.86	1.50	0.86	1.00	7.24	7.00	11.47	10.00
16915	3.14	3.00	.....	.....	6.14	14.00*	8.56	.....	25.29	.....
16916	.....	.....	2.24	2.00	0.56	1.00	10.09	10.00	11.43	11.20
16705	2.03	2.00	4.04	4.00	1.40	1.00	8.05	8.00	22.38	22.00
16824	1.13	1.00	2.18	2.00	1.32	1.00	8.01	8.00	16.84	16.00
16937	.....	.....	1.08	1.00	0.84	1.00	8.80	9.00	9.17	9.30
16670	4.71	4.00	.....	.....	24.64*	20.00*	.....	.....	34.57	.....
16938	.....	.....	2.01	2.00	1.48	2.00	10.43	10.00	11.70	11.40
16939	1.13	1.00	2.36	2.00	3.22	2.00	8.24	10.00	18.06	18.80
16949	1.43	1.50	2.22	2.00	3.04	2.00	9.16	9.00	20.15	19.60
16940	.....	.....	.....	.....	1.13	2.00	14.54	14.00	13.32	13.00
16941	2.37	2.00	4.18	2.00	2.12	.....	9.40	9.00	25.39	20.80
16749	4.78	5.00	5.34	5.00	2.01	1.00	7.16	6.00	33.85	32.60
16722	4.44	4.00	8.68b	8.00	1.28	1.00	7.84	7.00	38.09	34.40
16887	4.98	4.50	.....	.....	22.30*	21.50*	.....	.....	35.05	.....
16748	.....	.....	.....	.....	2.04	1.00	14.59	14.00	13.54	12.80
16801	.....	.....	2.01	2.00	2.55	1.00	9.74	10.00	11.29	11.20
16837	2.01	2.00	2.46	2.00	1.87	1.00	8.83	8.00	21.85	20.00
16857	3.02a	3.00	7.80	6.00	1.13	1.00	5.90	6.00	27.41	25.60
16985	.....	.....	4.50	5.00	1.67	1.00	11.58	12.00	15.25	16.00
16802	1.35	1.00	3.78	3.00	1.79	1.00	9.19	9.00	20.93	18.20

a Contains Nitrate.
* Total Phosphoric Acid.
b As Sulphate of Potash.

No.	Name and address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler, when not the College.)
16873	Rasin-Monumental Co., Baltimore, Md.	Rasin's National Crop Compound.	Goldsboro
16917	" " "	Rasin's Special Bone and Potash.	Baltimore.
16838	" " "	Rasin's Special Fish and Potash Mixture.	Annapolis
16943	" " "	Rasin's Special Formula for Corn and Buckwheat	Emmittsburg
16874	" " "	Rasin's Standard Tomato Grower.	Goldsboro
16751	" " "	Rasin's X. X. X. Fertilizer	Baltimore
16723	" " "	Rasin's Wheat, Corn and Oats Special.	Baltimore.
16691	" " "	Special Fish and Potash Mixture.	Baltimore.
16750	" " "	Special Formula for Corn and Tomatoes.	Baltimore.
16839	" " "	William Penn CropGrower	Annapolis
16875	Reading Fertilizer Co., Baltimore. Md.	Reading Star Fertilizer.	Baltimore
16888	Wm. E. Robinson, Vale, Md.	Tomato and Wheat Grower	Fallston
16889	The Scott Fertilizer Co., Elkton, Md.	Bush River Compound	Aberdeen
9702	" " "	Corn and Oats Grower	Childs
9704	" " "	Potato Grower	Childs
9703	" " "	Potato and Truck Special.	Childs
16890	" " "	Pure Raw Bone	Aberdeen
9705	" " "	Sure Growth	Childs
9706	" " "	Tiptop and Potash	Childs
9707	" " "	12x5 Bone and Potash	Childs
16891	Southern Fertilizer Co., Chanceford, Pa.	Special Potato Grower	Bel Air
16986	Standard Guano Co., Baltimore, Md.	Granger	Baltimore
16987	" " "	The Trucker	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.				Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble.		Available.			
	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.		
16873	1.30	1.00	4.48	4.00	2.85	1.00	8.20	8.00	$20.66	$18.00
16917	.....	.....	3.98	5.00	2.60	1.00	10.23	10.00	13.71	14.20
16838	2.07a	2.00	3.22	3.00	1.93	1.00	6.61	6.00	20.20	18.60
16943	.....	.....	3.24	3.00	1.80	1.00	5.93	6.00	8.94	8.60
16874	1.17	1.00	6.46	5.00	1.10	1.00	8.14	7.00	21.35	17.80
16751	2.05	2.00	5.04	5.00	2.47	.....	8.40	8.00	24.31	22.60
16723	0.86	0.50	2.82	2.00	1.34	1.00	9.29	8.00	14.89	11.40
16691	4.01	4.00	8.48b	10.00	2.85	1.00	6.12	6.00	34.70	35.60
16750	.....	.....	3.32	3.00	1.51	1.00	6.86	6.00	9.79	8.60
16839	1.16	1.00	1.38	1.00	3.67	1.00	7.52	8.00	16.51	15.00
16875	0.49	0.25	2.88	2.25	1.93	.....	8.57	8.00	12.94	10.45
16888	2.64	2.00	2.30	2.00	0.59	.....	6.66	8.00	21.09	19.60
16889	4.20	4.00	8.20	7.00	1.29	.....	8.05	7.00	35.18	31.40
9702	0.72	0.50	2.78	2.00	0.75	.....	10.58	8.00	15.33	11.20
9704	2.03	2.00	10.02	10.00	0.77	.....	9.78	6.00	30.19	25.20
9703	2.01	2.00	4.76	5.00	0.64	.....	9.96	7.00	25.01	21.40
16890	4.95	4.00	.....	.....	22.15*	22.00*	.....	.....	35.67	.....
9705	2.03	2.00	3.44	3.00	1.63	2.00	10.42	10.00	24.71	23.80
9706	.....	.....	2.42	2.00	1.12	.....	12.22	11.00	13.64	11.90
9707	.....	.....	4.84	5.00	0.83	.....	12.78	12.00	16.51	15.80
16891	1.72	1.50	3.84	4.00	1.07	.....	8.33	8.00	21.15	19.60
16986	2.12	2.00	2.02	2.00	4.81	.....	6.20	8.00	19.86	19.60
16987	2.71	4 00	5.03	5.00	5.93	.....	7.71	7.00	27.49	29.40

a Contains Nitrate.
b As Sulphate of Potash.
* Total Phosphoric Acid.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler, when not the College.)
16961	Stouffer & Bennett, New Windsor, Md.	Soluble Wheat Grower...	New Windsor.....
16825	W. H. Street & Co., Fallston, Md.	Ammoniated Dissolved Bone.	Canton.....
16858	" " "	H. G. Bone Phosphate...	Baltimore.....
16826	" " "	S. C. Rock.....	Canton.....
9698	H. S. Taveau & Co., Baltimore, Md.	Allerton Guano.....	Baltimore.....
9724	" " "	Dissolved S. C. Bone.....	Baltimore.....
16903	" " "	Florida Acid Phosphate..	Baltimore.....
16904	" " "	Pride of Maryland.....	Baltimore.....
9710	" " "	Pride of Virginia	Baltimore.....
16919	" " "	Pure Ground Bone..... ..	Canton.....
16876	" " "	Special Compound.....	Baltimore.....
9699	" " "	Special Compound, No. 2.	Baltimore.....
16950	" " "	Wonder Potato and Tomato Manure	Bengies.....
16944	D. A. Thomas, Hagerstown, Md.	Dissolved Bone Phosphate	West Beaver Creek
16945	" " "	Excelsior Fertilizer.....	West Beaver Creek
16946	" " "	Golden Sheaf.....	Boonsboro .....
16947	" " "	Soluble Bone and Potash.	Boonsboro .....
16659	" " "	Special Mixture.....	Hagerstown (W.H. Armstrong.)
16840	I. P. Thomas & Sons Co., Philadelphia, Pa.	Fish Guano.....	Annapolis .....
16841	" " "	Potato Fertilizer.....	Annapolis .....
16842	" " "	Potato Manure.....	Annapolis .....
16843	" " "	Tip Top Raw Bone Superphosphate	Annapolis .....
16767	Wm. B. Tilghman Co., Salisbury, Md.	Fish, Bone and Potash Mixture	Berlin.....

No.	NITROGEN Calculated as AMMONIA.		POTASH. K_2O.		PHOSPHORIC ACID.				Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble.		Available.			
	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.		
16961	0.51	0.50	3.76	2.00	2.87	2.00	10.04	7.00	$15.41	$10.70
16825	2.35	1.50	2.38	2.00	1.56	1.50	8.50	9.00	22.60	19.40
16858	2.73	2.50	2.80	3.00	0.88	1.50	8.46	8.00	24.22	23.20
16826	.....	.....	.....	.....	0.67	.....	14.44	14.00	13.13	12.60
9698	2.05	2.00	2.52	2.50	1.04	.....	8.62	9.00	21.48	21.30
9724	.....	.....	.....	.....	0.80	.....	14.26	14.00	12.99	12.60
16903	.....	.....	.....	.....	1.02	.....	14.47	14.00	13.22	12.60
16904	1.21	1.00	2.78	2 50	1.21	.....	9.79	10.00	19.85	18.50
9710	.....	.....	1.98	2.50	1.23	.....	11.52	12.00	12.60	13.30
16919	3.10	3.00	.....	.....	7.06	38.00†	7.17	.....	23.82	.....
16876	.....	.....	5.18	5.00	0.75	.....	9.79	10.00	14.14	14.00
9699	1.19	1.00	2.48	2.00	0.89	.....	8.99	8.00	18.39	15.60
16950	2.14	2.00	5.34	5.00	0.70	.....	8.51	8.00	24.39	22.60
16944	.....	.. ....	.....	.....	0.29	.....	17.10	16.00	15.45	14.40
16945	2.10a	2.00	4.70	4.50	1.58	.....	9.74	8.00	25.42	22.10
16946	1.12	1.00	1.24	1.00	0.78	.....	9.26	8.00	17.14	14.60
16947	.....	.....	2.22	2.00	0.69	.....	10.71	10.00	12.00	11.00
16659	2.92a	3.00	9.94	10.00	0.96	.....	9.21	8.00	33.05	31.60
16840	2.07	2.00	2.92	2.00	0.77	1.00	10.02	9.50	23.53	21.80
16841	1.91	2.00	6.08	6.00	1.21	1.00	9.63	9.00	25.76	25.20
16842	3.14	3.00	6.02	6.00	0.53	1.00	9.29	9.00	29.94	29.20
16843	3.07	3.00	4.08	4.00	0.64	1.00	8.57	8.00	26.90	26.00
16767	1.01	1.00	2.28	2.00	1.28	.....	10.01	10.00	18.84	18.00

† Total "Bone Phosphate."
a Contains Nitrate.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler, when not the College.)
16965	Wm. B. Tilghman Co., Salisbury, Md.	H. G. Early Truck Guano.	Salisbury.....
16768	" " "	Mixture B.....	Stockton.....
16769	" " "	Special B.....	Stockton.....
16770	" " "	Special Mixture.....	Berlin.....
16966	" " "	Standard Fish Mixture...	Berlin.....
16771	" " "	Standard Fish Mixture...	Berlin..... .....
16967	" " "	Standard Tomato Mixture	Showell.....
16968	E. W. Truitt & Co., Salisbury, Md.	Fish Mixture	Salisbury.....
16859	Turner & Son, Betterton, Md.	Truck Guano.....	Baltimore.....
16905	" " "	X X Tomato, Potato and Truck Fertilizer.	Baltimore.....
16877	Tuscarora Fertilizer Co., Baltimore, Md.	Alkaline	Henderson .....
16906	" " "	Animal Bone.....	Baltimore.....
16806	" " "	Big (4) Four.....	Baltimore.....
16878	" " "	Bone and Potash.....	Henderson .....
16807	" " "	Fruit and Potato.....	Baltimore.....
16879	" " "	Standard Phosphate.....	Henderson .....
16808	" " "	Trucker	Baltimore.....
16809	" " "	York State Special.....	Baltimore.....
16714	The J. E. Tygert Co., Philadelphia, Pa.	Early Truck Guano.....	Baltimore.....
16969	" " "	GoldenHarvest Phosphate	Snow Hill.....
16827	" " "	Pure Ground Bone.....	Baltimore.....
16804	" " "	Soluble Bone and Potash.	Baltimore.....
16805	" " "	Tomato Fertilizer.....	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.				Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble.		Available.			
	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.		
16965	4.10a	5.00	4.40	5.00	0.94	.....	8.46	7.00	$31.33	$33.40
16768	3.53a	4.00	3.06	3.00	1.48	.....	9.09	8.00	28.68	28.60
16769	4.10a	4.00	5.10	5.00	1.58	.....	8.65	8.00	32.51	30.60
16770	0.42	0.33	2.38	2.00	0.97	.....	11.08	12.00	14.22	14.12
16966	2.75	2.50	1.54	2.00	1.28	.....	9.35	8.00	24.27	21.60
16771	2.22	2.50	2.26	2.00	1.26	.....	8.97	8.00	22.40	21.60
16967	1.88a	2.00	4.80	4.00	1.24	.....	8.51	8.00	23.03	21.60
16968	2.97	2.50	2.64	2.00	1.45	2.00	6.44	8.00	22.83	22.40
16859	1.31	1.00	2.08	2.00	1.75	.....	8.12	8.00	17.76	15.60
16905	2.16	2.00	4.01	4.00	1.43	.....	8.07	7.00	22.90	20.40
16877	.....	.....	5.50	5.00	0.61	.....	10.83	10.00	15.37	14.00
16906	3.70	3.00	.....	.....	26.45*	24.00*	.....	.....	36.43	.....
16806	1.84	2.00	4.90	4.00	1.15	.....	7.41	7.00	21.61	20.40
16878	.....	.....	2.42	2.00	0.75	.....	10.25	10.00	11.79	11 00
16807	2.08	2.00	10.20b	10.00	1.12	.....	8.87	8.00	30.63	28.60
16879	2.02a	2.00	2.54	2.00	1.35	.....	8.73	8.00	21.64	19.60
16808	5.39a	5.00	7.60c	7.00	0.56	.....	8.57	8.00	41.18	38.00
16809	1.13	1.00	4.92	4.00	1.26	.....	8.29	8.00	19.89	17.60
16714	4.02a	4.00	2.42	2.00	2.25	.....	6.17	6.00	26.80	25.20
16969	0.67	0.50	2.14	2.00	0.75	1.00	7.87	8.00	12.05	11.40
16827	4.40	4.00	.....	.....	20.80*	22.00*	.....	.....	32.05	.....
16804	.....	.....	2.28	2.00	0.69	.....	10.05	10.00	11.47	11.00
16805	2.18a	2.00	5.01	5.00	0.84	.....	7.02	7.00	22.49	21.40

a Contains Nitrate.
* Total Phosphoric Acid.
b Half as Sulphate of Potash.
c As Sulphate of Potash.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler, when not the College.)
16951	J. Tyson & Sons, Frederick, Md.	Dissolved S. C.....	Myersville.....
16952	" " "	Special Mixture.....	Frederick.....
16773	Virginia-Carolina Chemical Co., Richmond, Va.	Corn and Buckwheat Special.	Baltimore.....
16860	" " "	Fish, Bone and Potash...	Baltimore.....
16753	" " "	Guaranteed 14% Acid Phosphate.	Baltimore.....
16861	" " "	National Ammoniated Guano.	Baltimore.....
16692	" " "	Special Bone and Potash.	Baltimore.....
16772	" " "	Special Potato Manure...	Snow Hill.....
16988	" " "	Standard Bone and Potash	Baltimore.....
16862	" " "	Standard Corn and Grain Grower.	Baltimore.....
16863	" " "	Standard Tomato Grower.	Baltimore.....
16920	" " "	Truckers' Special.....	Baltimore.....
16925	S. L. Webster & Son, Cambridge, Md.	Ammoniated Bone Fertilizer, No. 1.	Secretary.....
16926	" " "	Ammoniated Bone Fertilizer, No. 2.	Secretary.....
16924	" " "	Bone and Potash.....	Cambridge.....
16927	" " "	Fish Mixture.....	Two Johns.....
16928	" " "	Old Dorset Ammoniated Bone Fertilizer.	Cambridge.....
16962	Westminster Fertilizer Co., Westminster, Md.	Governor Phosphate.....	Westminster.....
16963	" " "	Leader.....	Westminster.....
16658	" " "	Special Mixture.....	Maple Grove..... (A. D. Wentz.)
16964	" " "	Super "A".....	Westminster.....
16892	Harry W. Whistler, Fountain Green, Md.	Crop Grower.....	Forest Hill.....
16893	O. M. Whitaker, Reckord, Md.	Animal Bone Mixture....	Reckord.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.				Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble.		Available.			
	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.		
16951	.....	.....	....	.....	1.13	.....	14.51	14.00	$13.29	$12.60
16952	1.01	1.00	2.02	1.00	2.26	.....	7.50	8.00	15.96	14.60
16773	.....	.....	3.22	3.00	1.43	1.00	7.60	6.00	10.35	8.60
16860	2.01	2.00	3.02	3.00	2.12	1.00	8.03	8.00	21.55	21.00
16753	.....	.....	.....	.....	1.61	1.00	14.38	14.00	13.26	12.80
16861	1.20	1.00	4.74	4.00	3.36	1.00	8.02	8.00	20.50	18.00
16692	.....	.....	3.91	5.00	1.96	1.00	9.75	10.00	13.08	14.20
16772	4.06	4.00	7.06b	8.00	1.74	1.00	8.48	6.00	35.59	33.20
16988	.....	.....	2.02	2.00	2.53	1.00	9.06	10.00	10.68	11.20
16862	0.70	0.50	2.12	2.00	1.61	1.00	9.23	8.00	13.55	14.00
16863	1.16	1.00	5.76	5.00	1.08	1.00	8.16	7.00	20.62	17.80
16920	5.12	5.00	3.74b	5.00	1.64	1.00	8.39	6.00	35.70	33.60
16925	2.76	2.50	3.66	2.50	5.99	.....	6.24	10.00	24.59	24.50
16926	2.99	2.00	2.98	2.00	3.81	.....	5.59	8.00	23.17	19.60
16924	.....	... .	3.30	2.00	0.94	.....	10.63	10.00	13.06	11.00
16927	1.76	1.50	2.90	2.00	2.14	.....	7.04	8.00	19.25	17.60
16928	0.85	0.50	5.20	4.00	1.93	.....	7.10	6.00	15.38	11.40
16962	1.71	1.50	2.98	2.50	0.40	.....	8.57	9.00	20.26	19.30
16963	1.16	1.00	1.94	1.50	0.40	.....	8.81	8.00	17.31	15.10
16658	1.62a	1.60	6.42	6.25	0.97	.....	9.31	8.40	24.46	22.73
16964	1.03	0.75	1.76	1.00	0.30	.....	7.91	8.00	15.49	11.20
16892	1.67	1.50	1.72	2.00	4.05	.....	7.59	8.00	19.13	17.60
16893	2.10	2.00	3.66	2.00	4.86	.....	7.40	8.00	22.88	19.60

a Contains Nitrate.
b As Sulphate of Potash.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler, when not the College.)
16894	O. M. Whitaker, Reckord, Md.	Complete Fertilizer	Reckord .....
16970	F. M. Wilson & Co., Pocomoke City, Md.	Favorite Truck Fertilizer.	Pocomoke City .....
16971	" " "	Peninsula Ammoniated Super-Phosphate.	Pocomoke City.....
16810	The Robert A. Wooldridge Co., Baltimore, Md.	Champion Giant Phosphate	Baltimore.....
16754	" " "	Chieftain Bone Stock Phosphate.	Baltimore.....
9700	" " "	Double Quick Pure Bone Phosphate.	Baltimore.....
16974	" " "	Farmers' Favorite Cereal Compound.	Willoughby.....
16811	" " "	Florida Acid Phosphate ..	Baltimore.....
16880	" " "	German Potash Mixture..	Baltimore.....
16725	" " "	Golden Crown.....	Baltimore.....
16881	" " "	Liberty Bell Potash Mixture.	Baltimore.....
16975	" " "	No. 1. Bone and Potash, 6x3, for Wheat and Grass.	Baltimore,.....
16882	" " "	Old Sledge Phosphate....	Baltimore.....
16922	" " "	Pure Raw Bone.....	Baltimore.....
16755	" " "	Special Potato Fertilizer	Baltimore.....
16726	" " "	Sweep Stakes Sure Shot Phosphate.	Baltimore.....
16812	" " "	Triumph Pure Bone Phosphate.	Baltimore.....
16921	The Wooldridge Fertilizer Co., Baltimore, Md.	Clover Leaf Crop Grower.	Baltimore.....
16697	" " "	Cyclone.....	Baltimore.....
16724	" " "	F. F. V. Flesh and Fish Vegetator.	Baltimore.....
16989	" " "	H. G. Potato and Tomato Grower.	Baltimore.....
16864	" " "	Tiger Bone Stock Phosphate.	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.				Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble.		Available.			
	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.		
16894	2.10	2.00	2.16	2.00	1.74	.....	8.37	9.00	$21.30	$20.80
16970	3.77	3.00	7.22	6.00	2.53	.....	6.83	9.00	31.51	28.80
16971	1.38	1.25	2.48	1.50	2.44	.....	8.99	12.00	19.77	20.90
16810	1.28	1.00	2.16	2 00	1.13	1.50	9.29	9.00	18.88	17.40
16754	2.20	2.00	2.24	2.00	1.40	1.50	8.21	8.00	21.45	20.20
9700	2.83	2.75	2.86	3.00	1.55	2.00	9.34	9.00	26.01	25.60
16974	0.82	0.50	2.12	2.00	0.86	1.00	8.03	7.00	12.80	10.50
16811	.....	.....	.....	.....	0.62	1.00	14.02	14.00	12.74	12 80
16880	....	.....	2.02	2.00	0.70	1.00	10.03	10.00	11.19	11.20
16725	7.10	7.00	5.42	5.00	1.42	1.00	6.39	6.00	42.03	40 60
16881	.....	.....	3.72	3.00	0.92	1.00	12.07	12.00	14.76	14.00
16975	.....	.....	3.04	3.00	0.41	1.00	6.53	6.00	9.00	8.60
16882	.....	.....	5.24	5.00	1.07	1.00	11.78	12.00	16.05	16.00
16922	4.73	4.00	.....	.....	22.00*	45.00†	.....	.....	34.78	.....
16755	2.01	2.00	5.18	5.00	1.12	1.50	8.47	9.00	23.83	24.40
16726	3.60	3.00	8.80	8.00	1.24	1.00	7.12	7.00	32.24	28.80
16812	1.66	1.50	4.01	4.00	1.16	2.00	8.05	8.00	20.77	20.40
16921	0.87	0.50	2.72	2.00	0.88	1.50	7.87	8.00	13.46	11.50
16697	3.13	3.00	3.30	3.00	0.97	.....	8.07	8.00	25.79	24.60
16724	3.04	3.00	8.58	7.00	0.54	1.50	7.14	7.00	29.53	28.00
16989	2.18	2.00	4.58	5.00	0.84	1.50	9.07	9.00	24.52	24.40
16864	1.40	1.25	5.10	4.50	0.81	1.50	7.62	8.00	20.16	19.70

* Total Phosphoric Acid.
† Total "Bone Phosphate."

Table Showing Mechanical Analysis of Bone.

(The Chemical Analysis is Given in the Preceding Table.)

No.	NAME AND ADDRESS OF MANUFACTURER.	NAME OF FERTILIZER.	Fine Less than 1-50 inch.	Fine-Medium 1-25 to 1-50 inch.	Medium 1-25 to 1-12 inch.	Coarse Larger than 1-12 inch.
16532	American Agricultural Chemical Co., New York, N. Y.	Fine Ground Bone	59	31	10	0
16533	American Agricultural Chemical Co., New York, N. Y.	Pure Ground Bone	39	34	27	0
16428	Armour Fertilizer Works, Baltimore, Md.	Bone Meal	66	24	10	0
16505	Armour Fertilizer Works, Baltimore, Md.	Raw Bone Meal	48	30	18	4
16511	Baltimore Fertilizer Co., Baltimore, Md.	Pure Ground Bone	68	22	10	0
16598	Baugh & Sons Co., Baltimore, Md.	Fine Ground Bone	60	37	3	0
16411	Baugh & Sons Co., Baltimore, Md.	Raw Bone Meal	58	42	0	0
16515	The Berg Co., Philadelphia, Pa.	Raw Bone Fine	50	34	16	0
16479	Griffith & Boyd Co., Baltimore, Md.	Pure Fine Ground Bone Meal	49	30	18	3
16588	Griffith & Boyd Co., Baltimore, Md.	Soft Ground Bone Meal	55	26	16	3
16498	Griffith & Turner Co., Baltimore, Md.	Soft Ground Bone	52	30	18	0
16883	Hanway & Barnes, Bel Air, Md.	Ground Bone	47	27	27	3
16865	S. M. Hess & Bro., Philadelphia, Pa.	Ground Bone	47	28	23	2
16992	Hubbard Fertilizer Co., Baltimore, Md.	Pure Raw Bone	33	31	30	6
16912	Lister's Agricultural Chemical Works, Newark, N. J.	Bone Meal	56	33	11	0
16829	Lister's Agricultural Chemical Works, Newark, N. J.	Celebrated Ground Bone, Acidulated.	55	30	13	2
16786	The D. B. Martin Co., Philadelphia, Pa.	Pure Ground Bone	61	28	11	0
16844	The D. B. Martin Co., Philadelphia, Pa.	Pure Ground Bone	59	29	12	0
16718	The D. B. Martin Co., Philadelphia, Pa.	Pure Raw Bone Meal	36	46	18	0
16788	The Miller Fertilizer Co., Baltimore, Md.	Ground Bone	33	36	23	7
16820	G. Ober & Sons Co., Baltimore, Md.	Pure Bone Meal	67	25	8	0
9708	Patapsco Guano Co., Baltimore, Md.	Pure Ground Bone	37	34	29	0
16766	Piedmont-Mt. Airy Guano Co., Baltimore, Md.	Piedmont Raw Bone Meal	53	28	16	3
16671	The Pollock Fertilizer Co., Baltimore, Md.	Ground Animal Bone	48	32	20	0
16670	Pugh & Lyons, Oxford, Pa.	Pure Raw Bone	27	23	22	28
16887	Rasin-Monumental Co., Baltimore, Md.	Pure Raw Bone	33	35	32	0
16890	The Scott Fertilizer Co., Elkton, Md.	Pure Raw Bone	45	37	17	1
16906	Tuscarora Fertilizer Co., Baltimore, Md.	Animal Bone	57	31	12	0
16827	The J. E. Tygert Co., Philadelphia, Pa.	Pure Ground Bone	35	34	31	0
16922	The Robt. A. Wooldridge Co., Baltimore, Md.	Pure Raw Bone	44	37	19	0